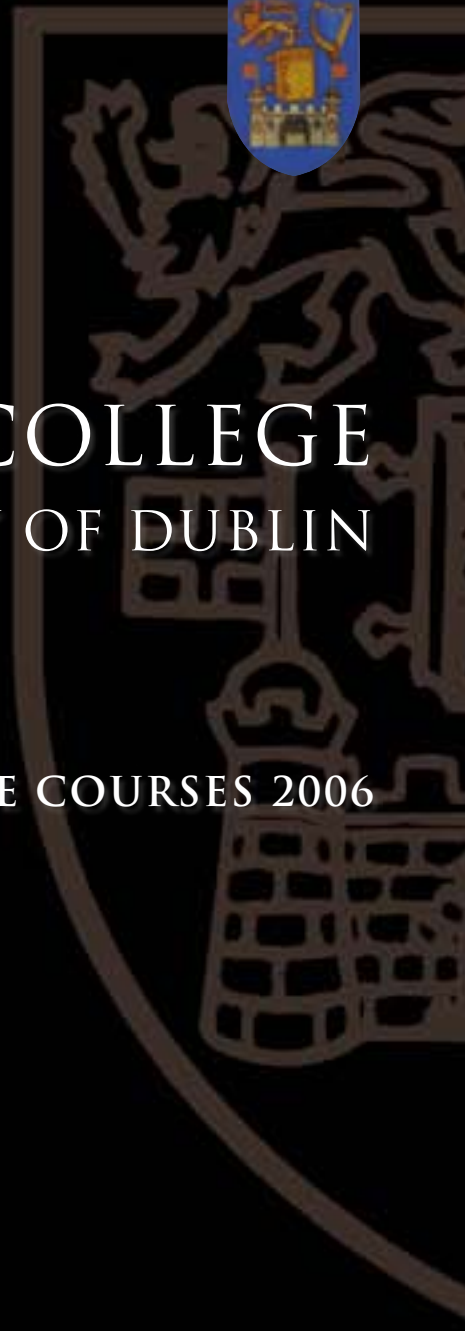




TRINITY COLLEGE
THE UNIVERSITY OF DUBLIN

POSTGRADUATE COURSES 2006



A Message from the Dean of Graduate Studies



It is almost twenty years since I became a postgraduate student in Trinity College Dublin. My motivation was to become an expert in my discipline – but a postgraduate degree is about much more than expertise; it is an opportunity to develop analytical and critical abilities, and it offers a unique

opportunity to prove yourself as a researcher and a scholar, and to become part of the wider international community contributing to the development of knowledge in your chosen field. For me it was certainly an opportunity not to be missed and I hope that you, as a prospective postgraduate student, will feel the same.

Trinity College Dublin is the oldest university in Ireland, and one of the oldest in Europe. This is apparent in the College's buildings and squares, and in the long list of famous and eminent alumni. Most important of all is the present reputation of our academic staff across a wide range of disciplines, and the quality of the academic experience we offer to our students.

Trinity College Dublin offers research degrees (M.Litt., M.Sc., and Ph.D.) across all fields of study. It also offers a broad range of taught Masters and professional higher degrees in, for example, business administration, dentistry, education, engineering, law, medicine, and social work. After you have consulted the information in this prospectus, please feel free to contact the course directors, or to make applications directly using the forms that can be downloaded from www.tcd.ie/graduate_studies. As a university with an international reputation in many subjects, we welcome applications from well-qualified graduates from anywhere in the world. We look forward to seeing you in the College in the near future.

A handwritten signature in black ink, which appears to read 'P. Prendergast'. The signature is fluid and cursive, written in a professional style.

Patrick J. Prendergast, B.A., B.A.I., Ph.D., C.Eng., F.I.E.I., F.T.C.D.
Dean of Graduate Studies



TRINITY COLLEGE
THE UNIVERSITY OF DUBLIN

POSTGRADUATE COURSES 2006



The College's Mission

“Trinity College builds on its four-hundred-year-old tradition of scholarship to confirm its position as one of the great universities of the world, providing a liberal environment where independence of thought is highly valued and where staff and students are nurtured as individuals and are encouraged to achieve their full potential.

The College is committed to excellence in both research and teaching, to the enhancement of the learning experience of each of its students and to an inclusive College community with equality of access for all. The College will continue to disseminate its knowledge and expertise to the benefit of the City of Dublin, the country and the international community.”

Strategic Plan 2003-2008



Contents

Graduate Studies Office	8	Master in Philosophy (Ecumenical Studies) (M.Phil. (Ecum.))	42	Reconciliation Studies	51	Bioengineering	62
INTRODUCTION				Reformation and Enlightenment Studies	52	Civil Engineering	63
The Country, the City, and the University	12	Master in Philosophy (Peace Studies) (M. Phil. (Peace Studies))	50	Speech and Language Processing	46	Computer Science (Mobile and Ubiquitous Computing)	63
The University and its Central Facilities	14	M.Sc. Courses	40	Textual and Visual Studies	52	Computer Science (Networks and Distributed Systems)	63
Other College Services	18	Clinical Speech and Language Studies (Dysphagia)	40	Theatre and Performance	53	Health Informatics	64
Postgraduate Study in Trinity College	21	M.Phil. Courses	41	Postgraduate Diplomas	53	I.T. in Education	64
Costs	24	Anglo Irish Literature	41	Clinical Speech and Language Studies (Dysphagia)	53	Integrated Systems Design	66
International Students	26	Applied Linguistics	46	Conflict and Dispute Resolution Studies	54	Management of Information Systems	67
Climate, Travel, Visas, Accommodation	27	Creative Writing	41	Music and Media Technologies	54	Mechanical Engineering – Erasmus Mundus	67
Academic Year, Registration, Orientation	29	Early Irish	42	Old Irish	55	Multimedia Systems	69
		Film Theory and History	43	FACULTY OF ENGINEERING AND SYSTEMS SCIENCES		M.Phil. Courses	69
		Gender and Women's Studies	44	SCHOOL OF COMPUTER SCIENCE AND STATISTICS	58	Music and Media Technologies	69
		German Literature with Language Pedagogy	45	SCHOOL OF ENGINEERING	60	Postgraduate Diplomas	70
		Irish Art History	45	Named Degree Courses	61	Applied Building Repair and Conservation	70
FACULTY OF ARTS AND HUMANITIES		Linguistics	46	Master in Engineering (M.A.I.)	61	Computer Science (Mobile and Ubiquitous Computing)	70
SCHOOL OF HISTORIES AND HUMANITIES	32	Literary Translation	46	Master in Engineering (M.A.I.)	62	Construction Law and Contract Administration	71
SCHOOL OF LINGUISTIC, SPEECH AND COMMUNICATION SCIENCES	34	Medieval History	47	Recurrent Education	48	Environmental Engineering	72
VICE-DEANERY, FACULTY OF ARTS AND HUMANITIES	36	Medieval Language, Literature and Culture	48	M.Sc. Courses	62		
IRISH SCHOOL OF ECUMENICS	38	Modern Irish History	48	Popular Literature	50	Fire Safety Practice (Buildings and Other Structures)	72
Named Degree Courses	40	Music and Media Technologies	49			Health and Safety in Construction	73
Bachelor in Divinity (B.D.)	40					Health Informatics	73



Highway and Geotechnical Engineering	74	FACULTY OF HEALTH SCIENCES	
Physical Planning	74	SCHOOL OF DENTAL SCIENCE	80
Project Management	75	SCHOOL OF MEDICINE	81
Quality Improvement	75	SCHOOL OF NURSING AND MIDWIFERY	83
Specialised Technology	76	SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES	84
Statistics	76	Named Degree Programmes	87
Continuing Education Programme in Statistics	77	Integrated Doctorate in Molecular Medicine (M.Sc./Ph.D.)	87
		Integrated Doctorate in Neuroscience (M.Sc./Ph.D.)	88

Doctor in Medicine (M.D.)	88	Health Services Management	96	Gerontological Nursing	111	SCHOOL OF NATURAL SCIENCES	128	Master in Education (M.Ed.)	152	I.T. in Education	162
Master in Dental Science (M.Dent.Sc.)	89	Hospital Pharmacy	97	Gynaecology and Obstetrics	112	SCHOOL OF PHYSICS	130	Master in Management (M.Sc.)	153	Science Education	162
Master in Dental Surgery (M.Dent.Ch.)	89	Mammalian Cell Physiology	98	Health Informatics	112	VICE-DEANERY OF GENETICS AND MICROBIOLOGY	132	Business Administration Programme	153	M.Phil. Courses	163
■ Oral Medicine with Oral Pathology	89	Medical Imaging	98	Magnetic Resonance Imaging Technology	113	M.Sc. Courses	134	International Business Programme	153	Ethnic and Racial Studies	163
■ Oral Surgery	89	Midwifery	99	Mental Health	113	Environmental Sciences	134	Management Practice Programme	153	Psychoanalytic Studies	164
■ Orthodontics	90	Molecular Medicine	99	Midwifery	114	High Performance Computing	135	Organisational Behaviour Programme	154	Social Work Research	164
■ Paediatric Dentistry	90	Molecular Pathology	101	Molecular Medicine	115	FACULTY OF SOCIAL AND HUMAN SCIENCES		Strategic Management Programme	154	Postgraduate Diplomas	165
■ Periodontics	91	Nursing	101	Nuclear Medicine	116	SCHOOL OF BUSINESS	138	Master in Social Work (M.S.W.)	154	Child Protection and Welfare	165
■ Prosthodontics	91	Occupational Therapy	102	Oncological Nursing	116	SCHOOL OF PSYCHOLOGY	141	Master of Laws (LL.M.)	155	Clinical Supervision (Psychology)	165
Master in Obstetrics (M.A.O.)	91	Paediatrics	102	Paediatric Nursing	117	SCHOOL OF SOCIAL SCIENCE AND PHILOSOPHY	143	Master of Studies (M.St.)	155	In-Service Education	166
Master in Surgery (M.Ch.)	91	Pharmaceutical Analysis	103	Pharmaceutical Analysis	117	SCHOOL OF SOCIAL WORK AND SOCIAL POLICY	144	M.Sc. Courses	156	Higher Diplomas	167
M.Sc. Courses	93	Pharmaceutical Medicine	104	Pharmaceutical Manufacturing Technology	117	VICE-DEANERY, FACULTY OF SOCIAL AND HUMAN SCIENCES	146	Applied Social Research	156	Higher Diploma in Education (H.Dip.Ed.)	167
Cardiac Rehabilitation	93	Pharmaceutical Technology	105	Pharmaceutical Medicine	118	Named Degree Courses	149	Child Protection and Welfare	156	Higher Diploma in Education (Primary Teaching)	167
Cardiology	93	Physical Sciences in Medicine	105	Physical Sciences in Medicine	118	Doctor in Clinical Psychology (D.Clin.Psych.)	149	Counselling Psychology	157	Higher Diploma in Psychology	168
Child and Adolescent Psychoanalytic Psychotherapy	93	Psychoanalytic Psychotherapy	106	Professional Midwifery Studies	119	Integrated Doctorate in Political Science (M.Phil./Ph.D.)	150	Drug and Alcohol Policy	158	Postgraduate Degree and Diploma Courses - Annual Fees	172
Clinical Chemistry	93	Sports Medicine	107	Professional Nursing Studies	119	Professional Doctorate in Education (D.Ed.)	150	Economic Policy Studies	158	Alphabetical Index to Postgraduate Courses	181
Gerontological Nursing	94	Postgraduate Diplomas	108	Specialist Nursing	119	Master in Business Administration (M.B.A.)	151	Economics	159	Map of Campus	184
Global Health	94	Clinical Dentistry	108	FACULTY OF SCIENCE				Educational Guidance and Counselling	160		
Health Informatics (jointly with Faculty of Engineering and Systems Sciences)	94	Clinical Engineering (Equipment Management)	108	SCHOOL OF BIOCHEMISTRY AND IMMUNOLOGY	124			Educational Management	162		
	95	Clinical Health Sciences Education	109	SCHOOL OF CHEMISTRY	125						
	95	Cognitive Psychotherapy	109	SCHOOL OF MATHEMATICS	126						
	96	Community Pharmacy	110								
	96	Exercise Physiology	111								

Graduate Studies Office

The office has overall responsibility for the registration, monitoring of academic progress and welfare of postgraduate students throughout the University. It is situated in the Arts Building on the main campus, and is open from 10am to 12pm and 2pm to 4pm, Monday to Friday. Further information can be obtained from our website www.tcd.ie/Graduate_Studies.

DEAN OF GRADUATE STUDIES:

Patrick J. Prendergast, B.A., B.A.I., Ph.D.,
C.Eng., F.I.E.I., F.T.C.D.

OFFICE ADMINISTRATORS:

Ewa Sadowska M.Phil.
(Warsaw), M.Litt., Dip.B.St. (N.C.E.A.)
Helen Thornbury
B.A. (D.C.U.), M.A. (N.U.I.)
Paula McDonagh Dip.

ENQUIRIES AND CORRESPONDENCE

General public enquiries:

Email: gradinfo@tcd.ie
Telephone: +353-1-608 1166

Specific enquiries during admission to taught postgraduate courses:

Email: taught.admissions@tcd.ie
Telephone: +353-1-608 2182

Specific enquiries during admission to postgraduate research programmes:

Email: research.admissions@tcd.ie
Telephone: +353-1-608 3354

Graduate Studies Office
Arts Building
Trinity College
Dublin 2
Ireland

Fax: +353-1-671 2821

An application form, obligatory for admission to all research and taught programmes can be obtained from the Graduate Studies Office by post, or alternatively downloaded on: www.tcd.ie/Graduate_Studies/g-admishn.htm

Additional application forms are required for these courses:

- Doctor in Medicine (M.D.)
- Masters in Social Work (M.S.W.)
- M.Sc. in Science Education
- Postgraduate Diploma in Gynaecology and Obstetrics
- All nursing courses

Check with Course Co-ordinators for further details. Incomplete applications will not be processed. Please note that unsuccessful

applications will not be returned or retained. It is the Graduate Studies Office policy to destroy unsuccessful applications after 1 June of the academic year into which entry was applied for.

All information in this publication is accurate at the time of printing. Changes of courses, options, fees and dates may occur between printing and October 2006. In addition, factors such as the unexpected unavailability of staff, or a level of application below that which is minimally required to allow a course to run may make it practically impossible, or prohibitively expensive for the University to offer an option listed in this publication. Any offer of a place made to you is subject to your consenting to the incorporation of this notice as a term of any such offer.

All applicants should make all reasonable effort prior to registration to ensure that the course/programme they are registering for meets their expectations, by contacting the relevant course co-ordinator or prospective supervisor/research director.

The information set on these pages is intended as a guide only and shall not be deemed to form a contract between the College and an applicant or any third party.





INTRODUCTION

The Country, the City and the University

THE COUNTRY

The Republic of Ireland has a population of just over 4 million, with Dublin, its capital city, having a population of nearly 1.3 million. With a land area of around 70,000 square kilometres, it is one of the least densely populated countries in the European Union. The country enjoys a relatively mild climate with average monthly temperatures ranging from 7°C in January to 19°C in July. The Irish economy is an open, mostly export-based economy that has experienced unprecedented levels of growth since the mid-1990s. Living standards are now above the European Union average.

THE CITY

Dublin is situated in the east of the country and enjoys one of the best settings of any European city. Stretching around the wide expanse of Dublin Bay from the imposing mass of Howth Head in the north to the granite outcrops of the Wicklow massif in the south, few parts of the city are far from the sights and scent of the sea, while many city centre streets end in a vista of mountains.

Cosmopolitan in its origins, Dublin – Báile Átha Cliath in Irish – arose originally from



a Viking settlement on the south bank of the river Liffey. The principal city of Ireland for most of its thousand-year history, it experienced a period of rapid expansion in the eighteenth century, when it attained the status of one of Europe's great cities, with magnificent squares, stately public buildings and the largest public park in Europe. Much of the elegance of that period and sense of harmony is conserved in and around Trinity College.

Dublin has a full and varied cultural and intellectual life. The recently expanded and upgraded National Museum situated in Collin's Barracks displays unique Celtic Bronze Age and Early Christian artefacts, which reflect both the country's wealth in gold at this period, and the artistic

sophistication of the early Irish craftsmen. The National Gallery of Ireland, whose new extension 'The Millennium Wing', opened in 2002, is considered one of the best small galleries in Europe; and the National Library has exquisite collections of manuscript, photographic and other printed material. Both museum and gallery, flanking the seat of the Irish parliament, are within a few hundred yards of Trinity College.

In the work of its writers, playwrights, actors and musicians, Dublin is the equal in quality and variety to any capital city in Europe. It is renowned particularly for its theatrical life, whether in established theatres such as the Abbey and the Gate, or in small experimental theatre, including Trinity's Beckett Theatre with its own 'Players'.

In the literary field, the contribution of native sons has been outstanding, with Jonathan Swift, Oliver Goldsmith, Oscar Wilde, Bernard Shaw, William B. Yeats, James Joyce, Samuel Beckett and Seamus Heaney the most prominent names.

A particular feature of Dublin life is the tradition of live music in every conceivable venue, from street busking to the National

Concert Hall – not forgetting the singing pubs, where traditional music still flourishes.

With one of the youngest populations of Europe's major cities, Dublin offers an unusually congenial atmosphere for students. While the economic upsurge of recent years has brought a proliferation of fashionable boutiques and expensive restaurants, there are also second-hand bookshops, street markets, fast food outlets and ethnic eateries of all kinds, many located in the bohemian Temple Bar area not far from College.

As the major commercial centre of the island, Dublin is the hub of communications for the country as a whole. Train or bus can easily reach most parts of Ireland, including the renowned scenic areas of Cork, Kerry, Clare and Galway. For vacation travel, few European capitals are more than two hours away by air with direct flights.

THE UNIVERSITY

Trinity College was founded in 1592 and is the single constituent college of the University of Dublin. Trinity College and the University of Dublin are effectively synonymous – Trinity College is *mater universitas* according to the founding statutes. Trinity College is the oldest university in Ireland and one of the oldest in Europe. The site for the University, the ancient monastery of All Hallows, was handed over to the new College by Dublin

Corporation; the first Fellows and Scholars were appointed in 1594 and since then Trinity College has ensured a continuous tradition of scholarship and learning in the heart of Dublin.

The west end of the campus includes five quadrangles or squares with many buildings from the 18th century, notably the Old Library – home to the priceless 9th century manuscript, The Book of Kells. The most recent of these squares is Fellows' Square formed by the Long Room, the Arts Building, and the Berkeley Library. Further east, the recently built Hamilton, O'Reilly, and Lloyd buildings, house many of Trinity's science and technology areas and complement the recently completed Dental Hospital. Between the two built-up ends of College, the College Park with its sports fields remains one of the largest green spaces in the city where rugby and cricket are often played.

Though long established, Trinity College has maintained a strong tradition in scholarship and research which adapts effectively to the needs of successive generations. Many of the famous people of Irish letters and history were educated at Trinity including writers such as Jonathan Swift, Oliver Goldsmith, Oscar Wilde and Samuel Beckett. Ireland's first President, Douglas Hyde, previous President, Mary Robinson and the current President, Mary MacAleese were all either educated in Trinity College

or were on the staff of the College or both. No stranger to controversy, Trinity has often provided an independent and liberal voice in the affairs of the state.

Most academic activity is concentrated in the main College campus. However, recent developments have allowed expansion of the Health Sciences off-campus, in two major locations – St. James's Hospital and The Adelaide and Meath Hospital Dublin, incorporating the National Children's Hospital in Tallaght. In addition, sporting facilities and modern accommodation are provided both on and off-campus.

The vigour of any university must be judged by its commitment to research. In the early 21st century, this often takes the form of partnership with major international companies or of inter-institutional cooperation within the framework of programmes of the European Union, and in both Trinity is in a leading position in Ireland. In recent years, investments under the Programme for Research in Third Level Institutions, and by Science Foundation Ireland, has resulted in the formation of many new research institutes and centres.

Trinity prides itself on its tradition of personal contact between staff and students, encouraged by its collegiate atmosphere. College provides a range of facilities – dining hall, cafeterias and bars – and a varied social life sustained by a host of student societies and sports clubs.

The University and its Central Facilities

The University is governed by the Board, chaired by the Provost who is elected for a period of 10 years. The University Council, also chaired by the Provost, governs academic matters. The current Provost, Dr John Hegarty, formerly a member of the School of Physics, was elected in 2001.

THE UNIVERSITY LIBRARY

The University Library is one of the largest in Europe, with a bookstock of over 4.25 million volumes, over 30,000 current serials and extensive collections of manuscripts, maps and music. Along with only five other libraries in the world (the British Library in London, the National Libraries of Scotland and Wales and the University Libraries at Oxford and Cambridge), it enjoys the privilege of receiving all Irish and UK copyright material – a right it has had since 1801.

Completed in 1732, the Old Library, contains the Departments of Early Printed Books, Manuscripts as well as areas open to the public: the Long Room, the Treasury, and the Colonnades Exhibition Area.

The Berkeley, Lecky and Ussher Library complex, completed in 2002, contains the

main administrative offices, workrooms and print collection for Business, Economics, Social Studies, Arts and Nursing Studies. It also houses the Music, Law and Official Publications collections. The Ussher Library is fully equipped with electronic data connections at all study places. Study carrels for research students are available in the complex and can be reserved.

The 1937 Postgraduate Reading Room was opened in November 2003, for use by research students.

The library is of crucial importance to research, both in the richness of its print



Photo by Philip Martins

and manuscript resources and increasingly in the delivery of electronic information.

The Department of Early Printed Books has responsibility for over 300,000 volumes printed before 1901 and for certain modern collections – notably Anglo-Irish literature (including authors such as Jonathan Swift, William Congreve, George Farquar and Oliver Goldsmith) and modern private press collections. Of particular interest is the Fagel collection, which contains works printed between 1650 and 1750. The collection includes numerous continental printings and illustrated books, many in the field of science; 11,000 French revolutionary pamphlets; and 1,000 17th century printed editions of French plays, the latter recently acquired. The Department of Manuscripts contains the largest collection of manuscript material in Ireland. It has extensive holdings in classical and medieval Latin and medieval Greek. Other medieval material includes significant holdings in languages ranging from Icelandic to Persian, and including Irish, English and French. The Irish holdings include one of the finest collections of early Irish manuscripts in the world, including the Book of Leinster, the earliest manuscript of Irish law, dating from the

12th century. In addition there are extensive collections of modern, mainly Irish, political and literary papers which draw a large number of visitors to the library. The Book of Kells, perhaps the supreme example of early medieval art, is housed in the Old Library. Written around the year 800 AD, it is one of the most beautifully illuminated manuscripts in the world. The manuscript was given to Trinity College in the 17th century and since 1953 is currently one of the most-visited tourist attractions in Ireland.

The Map Library collection contains approximately 600,000 maps, mainly relating to Ireland and Britain; including a comprehensive collection of Ordnance Survey material, hydrographic charts from all over the world and maps of certain regions of Africa.

Science and medical collections are housed in separate buildings; the latter off-campus in the College's associated teaching hospitals. The Science, Health Sciences and Engineering collections include runs of core periodicals and books published in Ireland and the UK. The library subscribes to 3,500 electronic journals in all disciplines and to many bibliographic databases providing access to published research results. Lesser-used print material is housed off-site in a purpose-built book storage repository.



Photo by Philip Martins

In addition to the main university library, a number of areas, notably in Science and Engineering, maintain their own specialist and often extensive library collections and the campus is in close proximity to a number of other large libraries – notably the National Library of Ireland and the Royal Irish Academy Library.

Find out more about the Library at www.tcd.ie/Library.

COMPUTING FACILITIES

Information Systems Services is responsible for the provision and support of computer systems, networking, audio-visual and media services in College.

On registration all postgraduate students are issued with a user account providing access to a range of computer facilities and services. There are numerous computer

rooms and dedicated email/web stations for student use at different sites around the campus and in some off-campus locations. Each student is allocated a TCD email account for official correspondence and some storage space on the College server. All computer rooms have laser-printing facilities and some have colour printing and scanning facilities. Computing facilities and support are also available at St. James's and Tallaght hospitals, which are the University's two main teaching hospitals.

IS Services offer a range of IT training courses for College staff and students throughout the year. These cover all the main desktop applications such as word processing, spreadsheet, database and presentations. More specialised courses on topics such as web publishing and statistical analysis are also available on a regular basis.



The central point of contact for all IS Services is the Helpdesk, which is located on the ground floor of Áras an Phiarsaigh. An extensive range of online facilities on all aspects of the services provided can be viewed on the local website at www.isservices.tcd.ie.

COLLEGE MUSEUMS

In the 18th and 19th centuries the College possessed a very extensive museum containing some valuable material. When the museum was dispersed in 1857 the ethnographic material was lodged with the nearby National Museum of Ireland, but the University retained certain specialist collections.

The College Herbarium

The College herbarium was founded in the early 19th century but also contains some

material from earlier centuries as well. The herbarium is of international importance as it contains numerous type specimens. It is also the second largest herbarium in Ireland and by far the most taxonomically important. Apart from its Irish and European collections the herbarium is particularly strong in material from South Africa, America, Australia and Thailand. Used for both teaching and scholarship it attracts a large number of overseas researchers, accesses approximately 1,800 new specimens every year and has a research programme focused on South-East Asia and Ireland.

The Zoology Museum

The first base for zoological studies at Trinity College was provided by the University Museum which was rehoused at the east end of College, where it remains

today, albeit on a relatively smaller scale within the area of Zoology.

The collection contains approximately 30,000 specimens representing all of the animal phyla. Some of the more important exhibits include a specimen of the now extinct great auk, a collection of Blaschka glass models and early 19th century entomological collections. Today the main function of the museum is to provide undergraduate training in animal systematics, biodiversity and taxonomy. Associated with the zoological collection is a small library containing specialised zoological literature.

The Geology Museum

The museum is housed in one of the most spectacular of Trinity's historic campus buildings. Two mounted Giant Irish Deer skeletons retrieved from Lough Gur flank the entrance. The main collections are very diverse, with displays ranging from fossils, through maps to minerals, gemstones, zeolites, industrial minerals and building materials and meteorites. In total the collections contain approximately 50,000 paleontological specimens of which 46,000 are invertebrates, 1,000 vertebrates and 3,000 plants, 7,000 mineralogical specimens and 15,000 petrological specimens. Amongst these is a substantial number of type and figured specimens which add to the research and teaching importance of the collections.

The Weingreen Museum

The Weingreen Museum of Biblical Antiquities is named in honour of Professor Jacob Weingreen, Erasmus Smith Professor of Hebrew at Trinity College Dublin between 1939 and 1979.

The Weingreen Museum encompasses numerous exhibits from the entire Mediterranean world from North Africa to Mesopotamia and from Jericho - the oldest city (9th millennium BC) to have been excavated - to the Crusades (13th century). Its holdings consist mainly of pottery and other artefacts. The nucleus of the Museum's collections is constituted by artefacts from the excavations of four cities in Palestine: Lachish (Director: James L. Starkey, 1932-1938), Jericho (Kathleen Kenyon, 1952-1959), Jerusalem (Kathleen Kenyon, 1961-1967) and Buseirah (Crystal Bennett, 1971-1975) and Lord Crookshank's Egyptian collection and Professor Weingreen's private archaeological collection. Finds presented by Crystal Bennett from her excavations at Tawilan in Transjordan, as well as individual items donated by the Trustees of the British Museum from their surplus resources have markedly enriched the collections.

RESEARCH INSTITUTES AND CENTRES

Trinity College's research has expanded considerably in recent years with the



Photo by Philip Martins

development of research institutes and centres. Although linked to schools, research centres and institutes pursue an independent remit in research and present many opportunities to postgraduate students. Some of the main research centres are:

Institute for International Integration Studies (IIIS)
www.tcd.ie/iiis

Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)
www.crann.tcd.ie

Trinity College Institute of Neuroscience (TCIN)
www.neuroscience.tcd.ie

Trinity Centre for Bioengineering
www.tcd.ie/bioengineering

Institute of Molecular Medicine
www.tcd.ie/IMM

Centre for Global Health
www.tcd.ie/Health_Sciences/medicine/cghindex.php

Centre for Health Policy and Management

Centre for Medieval and Renaissance Studies
www.tcd.ie/Medieval_Renaissance

Centre for Non-profit Management
www.cnm.tcd.ie

Centre for Transport Research and Innovation for People (TRIP)
www.tcd.ie/Transport_Research_Centre

Centre for Urban and Regional Studies
www.tcd.ie/CURS

Children's Research Centre
www.tcd.ie/childrensresearchcentre

Oscar Wilde Centre
www.tcd.ie/OWC

Policy Institute
www.policyinstitute.tcd.ie

Other College Services



The Graduate Students Union is the representative body for postgraduate students in College; its website www.gsu.tcd.ie contains useful information.

CAREERS ADVISORY SERVICE

The Service is based on campus and provides assistance to students and recent graduates of the College regarding their career options. Postgraduate students at whatever stage they are in their studies are very welcome to use the Service.

The services offered include guidance software, skills workshops, vacancy advertising and individual guidance. The Service has its own library located in East Chapel with an extensive range of information on occupations and employers. Further details can be obtained from the website at www.tcd.ie/careers or by contacting the careers service directly. The Service also provides a range of free directories and publications including the Careers Service Guide.

CHAPLAINCY

The University caters not only for the intellectual and academic life of the student, but also for the social and spiritual one. Four chaplains, representing the four main Christian denominations in Ireland, provide an ecumenical chaplaincy service on campus. Based in House 27, where they have offices and a coffee room, the chaplains ensure hospitality to all students, irrespective of religious affiliation. As well as providing a forum, where students from various cultural and linguistics backgrounds can meet socially, the chaplaincy organises seminars and retreats on a regular basis and facilitates student support groups. The chaplains also gather students and staff

for prayer and worship, both ecumenically and according to their respective traditions. A chaplain is always available to meet students. More information about the chaplaincy can be found on www.tcd.ie/Chaplaincy.

DAY NURSERY

A day nursery, open 8.00am – 5.15pm, is located on campus in a purpose-built facility. The nursery caters for children from three months to four years (most children in Ireland go to school at the age of 4). A fee is payable for use of this service. Telephone: +353-1-608 2277. There is also a self-supporting student-parent discussion group. This informal group is open to any student (male or female) who already is, or is about to become, a parent.

MEALS IN COLLEGE

Student Buffet – Main Dining Hall:

Hot meal service from 12 (noon) – 2.30pm in term.

Buttery Restaurant, beside the Buttery Bar:

Breakfast service from 7.45am – 11.00am Monday – Friday; full range of hot food, snacks and beverages to 9.00 pm.

Buttery Bar:

12.00 noon – 11.00 pm during term time; full bar, beverages, sandwiches and freshly ground coffee.

Arts Building Coffee Shop:

8.00am – 9.00pm in term; a large range of snacks, sandwiches, and beverages.

Hamilton Coffee Shop, Hamilton Building:

8.00am – 9.00pm in term; a full range of hot meals, snacks, salad bar and beverages.

Westland Coffee Shop,

East End 4 + 5:

9.00am – 4.00pm in term; a full range of snacks, salad bar and beverages.

Trinity Health Centre for Health Sciences, St James' Hospital Coffee Shop:

9am – 6pm; a large range of snacks, sandwiches, and beverages.

Trinity Health Centre for Health Sciences, Education Centre, AMNCH Coffee Shop:

9am – 6pm; a large range of snacks, sandwiches, and beverages.

CLUBS AND SOCIETIES

The University has a long tradition in nourishing its clubs and societies. Over 90 recognised student societies cater for most interests. New societies can easily be established when required but most have

long been in existence. The Philosophical and Historical Societies are the oldest, formed in 1684 and 1770 respectively. Both claim famous members, Jonathan Swift and Oscar Wilde amongst them. Further information can be obtained from the Central Societies Committee website www.csc.tcd.ie.

SPORTS FACILITIES

Sport has always been important in College and sporting facilities are provided in several locations servicing the needs of individual students. Trinity has around 50 sports clubs, which are administered by Dublin University Central Athletic Club, otherwise known as DUCAC. On campus, there is provision for outdoor sports including athletics, cricket, gaelic games, hockey, rugby, soccer and tennis. The Luce Sports Hall accommodates badminton, climbing, squash and most other indoor sports. In the suburbs, there are extensive playing fields. A boathouse is located on the River Liffey, at Islandbridge.

Students entering College are encouraged to get involved in University Clubs. Sport is the perfect way to relieve the daily stresses of College life, lectures, study and examinations and whether it is at competitive or recreational level, students are invited to take part.

Further information can be obtained from the website at www.tcd.ie/Sport.

THE STUDENT COUNSELLING SERVICE

The Student Counselling Service is confidential, free, and professional.

The Counselling Service provides students with one-to-one counselling with a professional counsellor for emotional and personal issues. Emergency appointments are provided on a daily basis Monday-Friday. There are also one-to-one learning support consultations with a learning support psychologist for academic issues, such as exam preparation, essay writing, concentration and study skills.



Educational groups and workshops run all year on topics like stress management, study and communication skills, and exam prep. To view the current schedule check out our website and follow the links for "Learning Support." Self-help leaflets and books on issues relevant to students are available at the service, or downloadable from the service website. Follow the homepage links for "Self-help Leaflets" and "Library." Lots of web-based materials are also available to help you manage college life, such as an interactive Study Skills Seminar at www.tcd.ie/student_counselling. There is also a Peer Support Network which is confidential and based on student-to-student support.

STUDENT HEALTH

The College Health Service is located in modern, purpose-built premises on Trinity campus, in House 47. It aims to take a holistic approach to student health. In addition to providing on-campus primary health care for all full-time students, it focuses on the psychological and occupational aspects of student health and health education. Student consultations are free of charge with modest fees for additional services.

Hospital treatment is supplied to EU students who are automatically entitled to a General Medical Services Card on condition that they are in possession of a European Health Card or UK NHS Card



from their home Government Health Service. These must be obtained in the home country before departure.

Non-EU students are not normally entitled to national health services in Ireland and are advised to take out insurance cover for hospitalisation before leaving their home country. If you have insurance it may be possible, by applying to your insurers, to complete an Inter Fund Form which will give access to the Voluntary Health Insurance scheme in Ireland while here. Please check with your Insurance

Company back home. If you do not already have insurance cover and wish to join either the Voluntary Health Insurance Scheme or BUPA when you arrive in Ireland, details are available from the College Health Service.

The service of a professional Student Counsellor on campus is available to all students on a strictly confidential basis. Appointments may be made through the College Health Service or directly with the Counselling Service itself.

DISABILITY SERVICES

Trinity College is committed to a policy of equal opportunity in education and to ensuring that students with a disability have as complete and equitable access to all facets of College life as can reasonably be provided. Student Disability Services aim to assist students by arranging and co-ordinating specific educational supports such as providing information in alternative formats, making available specialist tuition for students with dyslexia and offering assistive technologies.

College needs to know about disabilities in advance of admission if particular supports or arrangements are required. Disclosure of a disability or specific learning difficulty will not adversely affect an applicant in any way. Find out more about the Disability Services at www.tcd.ie/disability.

Postgraduate Study in Trinity College

GENERAL

Unlike the situation in some countries, entry to Irish universities is competitive, and no graduate applicant, from Ireland or any other country has an automatic right to admission. Most courses in Trinity College have a restricted number of places available for postgraduate students. The range of studies on offer is vast and the standard set for postgraduate study is exceptionally high. This combination, together with the range of ancillary facilities in the immediate vicinity of the University, offers an almost unparalleled learning experience to all postgraduates. Academic matters of postgraduate students are the remit of the Graduate Studies Committee, which is a subcommittee of Council and is chaired by the Dean of Graduate Studies.

UNIVERSITY COURSE REGULATIONS

On registration students are given the University regulations (Calendar Part 2), which govern academic progress through the University. In addition students who undertake a postgraduate taught course will be given a course brochure, which details the specific requirements and regulations governing that course. Students

must familiarise themselves with these regulations.

DIRECTORS OF TEACHING AND LEARNING (POSTGRADUATE)

These are the Directors of Postgraduate Study in the Schools and Vice Deaneries, who are members of the College's Graduate Studies Committee. They are responsible for ensuring that any problems postgraduate students face are attended to. For those undertaking a research degree, directors offer another line of contact to the College administration in addition to their supervisor and for those undertaking a taught course they, similarly, offer another point of contact, apart from the course co-ordinator.

POSTGRADUATE RESEARCH STUDENTS

Higher degrees by research are normally obtained by carrying out a period of research within the University, under the supervision of a member of College staff, with subsequent submission of a thesis for examination.

Virtually all research students are initially placed on the Masters register. They

may then transfer to the Ph.D. register if their progress has been satisfactory. Such transfers usually occur at the end of the second year of full-time study. Progress is judged as satisfactory in a number of different ways in different research areas and students are advised to find out about the system in place in their area well in advance. The following research degrees are offered:

- M.Litt.
- M.Sc.
- Ph.D.

These degrees are by pure research or possess only a very small taught component. The desired average duration of the M.Litt. and M.Sc. by research degrees is two to three years full-time, whilst a Ph.D. should take from three to four years full-time. All students undertaking a research degree are assigned to a single supervisor, though for some students there may also be an additional advisor. The supervisor's role is essentially that of an academic guide and mentor, and students should make suitable arrangements to contact their supervisor as often as is practical and agreeable to both parties.

Applications submitted to the Graduate Studies Office, including a detailed research proposal, are reviewed by the relevant schools or vice-deaneries. Depending on the quality of the proposal, and if adequate supervision can be arranged, the proposal is then returned to the Dean of Graduate Studies for final approval. Students may apply to register in either April or October. If the results of the first year's research are satisfactory, candidates are placed on the Ph.D. register, though the M.Sc. or M.Litt. may also be pursued in its own right.

Trinity provides its research students with a welcoming and supportive environment. Normally student-led research seminars provide the opportunity to present projects to a peer group of fellow students. Additionally, there are seminars led by academic staff and visiting scholars.

POSTGRADUATE STUDENTS UNDERTAKING TAUGHT COURSES

Postgraduate students on taught programmes normally have to pass a series of examinations in order to make satisfactory progress. Taught courses are available at three levels – Postgraduate Diploma, Masters and Practitioner Doctorate. Individual taught courses are described under the appropriate faculty.

The following Professional Higher Degrees are offered:

- Bachelor in Divinity (B.D.)
- Professional Doctorate in Education (D.Ed.)
- Doctor in Clinical Psychology (D.Clin. Psych.)
- Doctor in Medicine (M.D.)
- Master in Business Administration (M.B.A.)
- Master in Dental Science (M.Dent.Sc.)
- Master in Dental Surgery (M.Dent.Ch.)
- Master in Engineering (M.A.I.)
- Master in Engineering (M.A.I.) Recurrent Education
- Master in Education (M.Ed.)
- Master in Laws (LL.M.)
- Master in Management (M.Sc. (Mgmt.))
- Master in Obstetrics (M.A.O.)
- Master in Social Work (M.S.W.)
- Master of Studies in School Leadership and Educational Studies (M.St.)
- Master in Surgery (M.Ch.)

In general these degrees are available only to suitably qualified graduates who wish to further their career in their chosen profession by undertaking a research



thesis. Details of these degrees, their duration etc. are given in the alphabetical list of taught courses in the appropriate sections below.

POSTGRADUATE STUDENTS NOT READING FOR A HIGHER DEGREE

It is possible to register as a one-year or one-term postgraduate student not reading for a degree. Students of this status are offered all facilities and are free to continue their own research, and/or to read undergraduate courses of interest to them. Application for admission should be made to the Dean of Graduate Studies by 1 April on the standard application form for postgraduate studies which can be requested from the Graduate Studies Office or downloaded from www.tcd.ie/Graduate_Studies.

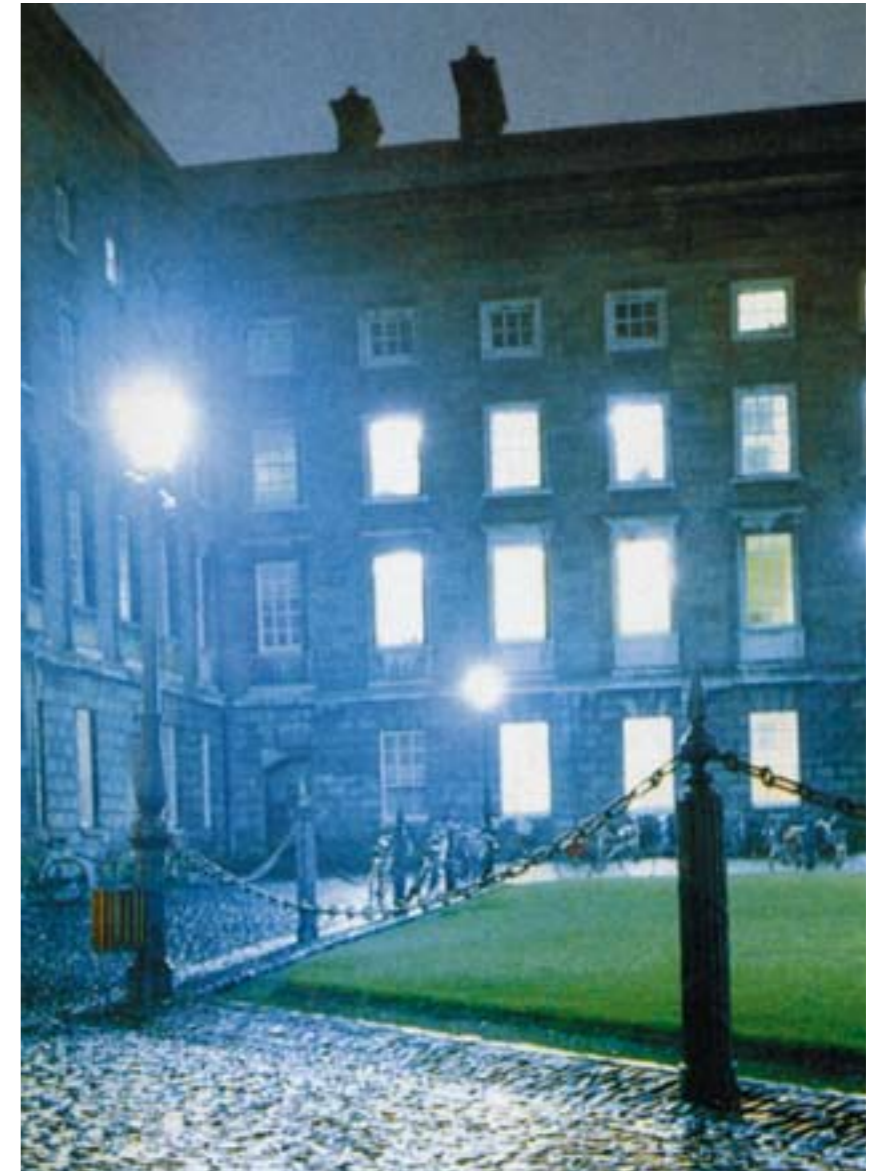
COMMENCEMENTS

Degrees are awarded at one of five ceremonies in the year (either February, June, July, November or December) in the impressive Examination Hall. Enquiries should be directed to the Proctors' Office, House 5, Front Square, College.

APPLICATIONS

For an application to be considered complete, the following enclosures (each identified with applicant's surname) must be submitted in one single packet as per the check list below:

- Passport photograph (affixed)
- Two letters of reference
- Curriculum Vitae
- Copies of certificates of English language competence
- Academic transcripts
- Application fee (do not post cash)
- Copies of degree certificates
- Documents in support of EU status
- A research proposal



Costs

FEES

An annual fee is payable on enrolment. This fee covers matriculation, the annual tuition and that year's examinations, including, if appropriate, examination of a postgraduate thesis or dissertation.

Fees vary depending on the subject studied and level and year of study involved. All fees are for a given academic year and reviewed annually. Students must have paid their fees in full and have no outstanding debts to the University in order to submit their thesis, to sit examinations and to graduate.

Fee levels are critical in determining how much it will cost to come and study in Trinity. One of the most important variables in fee level relates to whether students qualify as EU fee paying and therefore, for a lower annual fee, or not.

European Union fees are based on residency. A European Union passport or citizenship (including an Irish passport or Irish citizenship) does not grant automatic entitlement to EU fees.

As approved by Board on 3 December 2003, applications for admission are classified as EU applications or non-EU



applications. An EU application is one made by a person who fulfils one or more of the following criteria:

- i) who is ordinarily resident in the EU and who has received full-time further or higher education in the EU for three of the five years immediately preceding admission; or
- ii) who is ordinarily resident in the EU and has worked full-time in the EU for three of the five years immediately preceding admission; or

- iii) who holds a passport from an EU state and has received full-time further or higher education in the EU for three of the five years immediately preceding admission.

Applications from children of EU Government officials living abroad, semi-state officials who are on assignment in countries outside the EU, volunteer development workers and certain EU officials as approved by the Department of Foreign Affairs are treated as EU applications.

All other applications are considered to be non-EU applications. Students who have had periods of residence outside the EU are required to provide documentary evidence to support their claim for EU fee status. This evidence must be presented with the application.

A student's registered EU/non-EU fee paying status cannot be changed during a programme for which s/he has registered.

Note that full-time education in the EU does not by itself constitute ordinary residence.

EU degree students who are liable for the full annual tuition fee may take the option of paying their annual tuition fees in two instalments. Students classified as non-EU fee paying must pay the full fee before registration. A non-returnable Application Fee of €45 must be submitted with every application. Registration can take place only when fees are fully paid. Please note that cash is not accepted.

A list of the major annual fees payable is given in the final section of this publication. The University Calendar Part 1 contains the definitive and full list.

SUMMARY OF LIVING COSTS

In addition to your fees you must consider living expenses. These costs will vary according to your personal lifestyle. As an

estimate, the following guide to essential monthly expenditure may be helpful:

Rent	€500 – €1,000
Food	€400 – €500
Travel costs	€100
Electricity/Heating	€80

Other costs should be taken into account such as entertainment, telephoning home, books, post, stationery, laundry, toiletries, travel during holidays etc.

FIELDWORK COSTS, COSTS OF PREPARATIONS OF THESIS/DISSERTATION

Students are personally responsible for the costs involved if they have to undertake fieldwork as part of their degree programme. They are also responsible for all costs relating to preparation and submission of their thesis or dissertation (typing, binding, photography etc.).

AWARDS

The University offers two types of postgraduate award which are available only to students intending to register for higher research degrees full-time (i.e. M.Litt., M.Sc., or Ph.D.). Ussher Awards are open to applicants from all countries. These awards are few in number, very competitive, provide significant maintenance (currently €12,700 per year) and fully cover fees. Postgraduate

Studentships, also open to applicants from all countries, are more numerous but equally competitive. They provide a maintenance contribution of €8,000 and full fee coverage.

To be considered for a College award your complete application for admission, including the separate application form for a postgraduate College award, must be submitted in one package to the Graduate Studies Office. Please note that only full-time research students are eligible for these College awards. All College awards are subject to an annual income limit of (gross) €16,000 after payment of fees.



International Students

GENERAL

The Office of International Students Affairs assists in looking after overseas students in College. Its website www.tcd.ie/ISA/ provides further information.

The contribution that international students make to the intellectual life of the University vastly exceeds their current numbers and there is an intention to attract many more international students to Trinity.

Non-EU nationals who have permission to remain in the State as students are entitled to take up casual employment (defined as up to 20 hours part-time work per week or full-time work during vacation periods) for the duration of their permission to remain. The entitlement to take up employment ceases upon the expiry of their permission to remain as a student. Such students should therefore ensure that they have sufficient finance before coming here.

The Work in Ireland Programme (USIT) provides a special work permit for students on the programme (www.usitnow.ie). Canadian students are provided with a 12-month permit from Travelcuts in Canada (www.swap.ca), US students can get a four-month permit from Council Exchanges

(www.councilexchanges.org). The Programme is also available to students from Jamaica, Ghana, Argentina and South Africa. To be eligible, you need to be a full-time student at a third level institution or within six months of graduation. There are a limited number of places available so early application is advisable.

Students from countries within the EU are free to take up employment under standard EU free movement of labour regulations. However, mixing employment with study is not easy, and it is recommended that students do not arrive from elsewhere in the EU without possessing the financial resources to complete their chosen course of study.

Students whose first language is not English must provide evidence of competency in this language through one of the well-established international standard tests:

Examination

Minimum Level Required

IELTS	Grade 6.5
TOEFL	230 – computer based 570 – paper based
Cambridge Certificate of Advanced English	Grade C
Cambridge Certificate of Proficiency in English	Grade C



Photo by Philip Martins

Climate, Travel, Visas, Accommodation

GENERAL

Dublin enjoys a relatively mild climate but in the winter months (November, December and January), it is usually rather chilly and damp. Summer temperatures can reach 33.4°C but are on average 14.5°C and average winter temperatures are around 5°C. Rainfall in Dublin is low, averaging about 750mm per year, but small amounts fall regularly. Warm clothes and a raincoat are therefore a must. Linen and warm bedclothes are not always provided in rented accommodation.

Students who wish to bring electrical appliances with them should note that the voltage in Ireland is 220v. The official currency in Ireland is the Euro (€). All of the major Irish banks are close to the University and there are two Allied Irish Bank service machines on the campus. You are recommended to open an Irish bank account as soon as possible after you arrive in Dublin. Most banks offer two types of accounts; current (or checking) accounts, which usually do not yield interest, and deposit accounts that do. A letter from your home bank will be of use in establishing your credit status. Visa and Mastercard (Access) are widely accepted



throughout Ireland. More information on how to apply for a visa, open a bank account, living expenses etc. can be found on the Graduate Students' Unions website at www.gsu.tcd.ie.

VISAS

If you are a resident of the European Union, you do not need a visa to enter and live in Ireland. Students from North America may enter the country without an entry visa. However, they must apply for a visa to the Garda National Immigration Bureau (GNIB) in Dublin, within 7 days of arrival in the country. Contact details are:

Garda National Immigration Bureau, 13/14 Burgh Quay, Dublin 2. Telephone: +353-1-666 9100. Further information can be obtained on-line from www.justice.ie.

For information on entry visa requirements contact: Visa Section, Immigration Division, Department of Justice, Equality and Law Reform, 13/14 Burgh Quay, Dublin 2, Ireland. Telephone +353-1-616 7700, email visamail@justice.ie.

All non-American non-EU students should contact the nearest Irish Embassy or Consulate for information on visa requirements before arrival and must report to the Garda National Immigration Bureau (GNIB) on arrival.

All applicants should apply as early as possible, especially if an Irish Visa is required. Please note that the Graduate Studies Office does not normally assist in the processing of visa applications.

All successful applicants receive a letter of offer confirming their acceptance at Trinity College from the Dean of Graduate Studies.

Please note that ALL non-EU fee paying students must pay their full tuition fees prior to registration.

ACCOMMODATION

A limited number of research students may be accommodated on campus. However, the modern and comfortable Trinity Hall of Residence owned by the University offers extensive accommodation opportunities. It is situated in its own grounds about 2.5 miles from Trinity and is linked to the city centre by a fast tramline. Find out more about College accommodation and the on-line application facility at www.tcd.ie/Accommodation/student.htm.

Many postgraduate students find accommodation in shared houses or small self-catering flats and apartments in the inner city. Houses and flats vary in price, depending on size, facilities and location. The best place to look for a place to rent is the property pages of Dublin's daily newspaper, the Evening Herald. Available from most newsagents in Dublin, and discounted in the Students' Union Shop in Trinity, the Evening Herald has listings of houses, flats and apartments to rent and share.

Advertisements also appear on the many noticeboards around College, especially in Front Arch and the Accommodation Office. These are generally looking for people to share accommodation with and



if you do not know anyone in Dublin, may be a good option.

During Freshers' Week, the Accommodation Office provides a room with telephones, maps and adverts for accommodation, from which you can co-ordinate your efforts. The telephones especially are invaluable as you will be making dozens of calls in reply to adverts. For more details on this free service, contact the Accommodation Office (www.tcd.ie/Accommodation). Some

estate agents have a letting service with lists of properties on their books. Hooke and MacDonald offer an online property search, as do Lisney and Accommodation Lettings. These services are free, allowing you to search by price, area and number of bedrooms. However, the properties are generally at the higher end of the market. You can also call in to the estate agents offices and ask for a list of properties.

For further information see www.tcd.ie/Dublin_Life/arrival/accomm_renting.htm.

Academic Year, Registration, Orientation

THE ACADEMIC YEAR

The academic year is divided into three terms: Michaelmas term (9 weeks teaching, October – December); Hilary term (9 weeks teaching, January – March); Trinity term (6 weeks teaching, April – May).

2006 – 2007 Academic Year:

Teaching Terms

Michaelmas Term:
Monday, 9 October 2006 –
Friday 8 December 2006

Hilary Term:
Monday, 8 January 2007 –
Friday, 9 March 2007

Trinity Term:
Monday, 2 April 2007 –
Friday, 11 May 2007

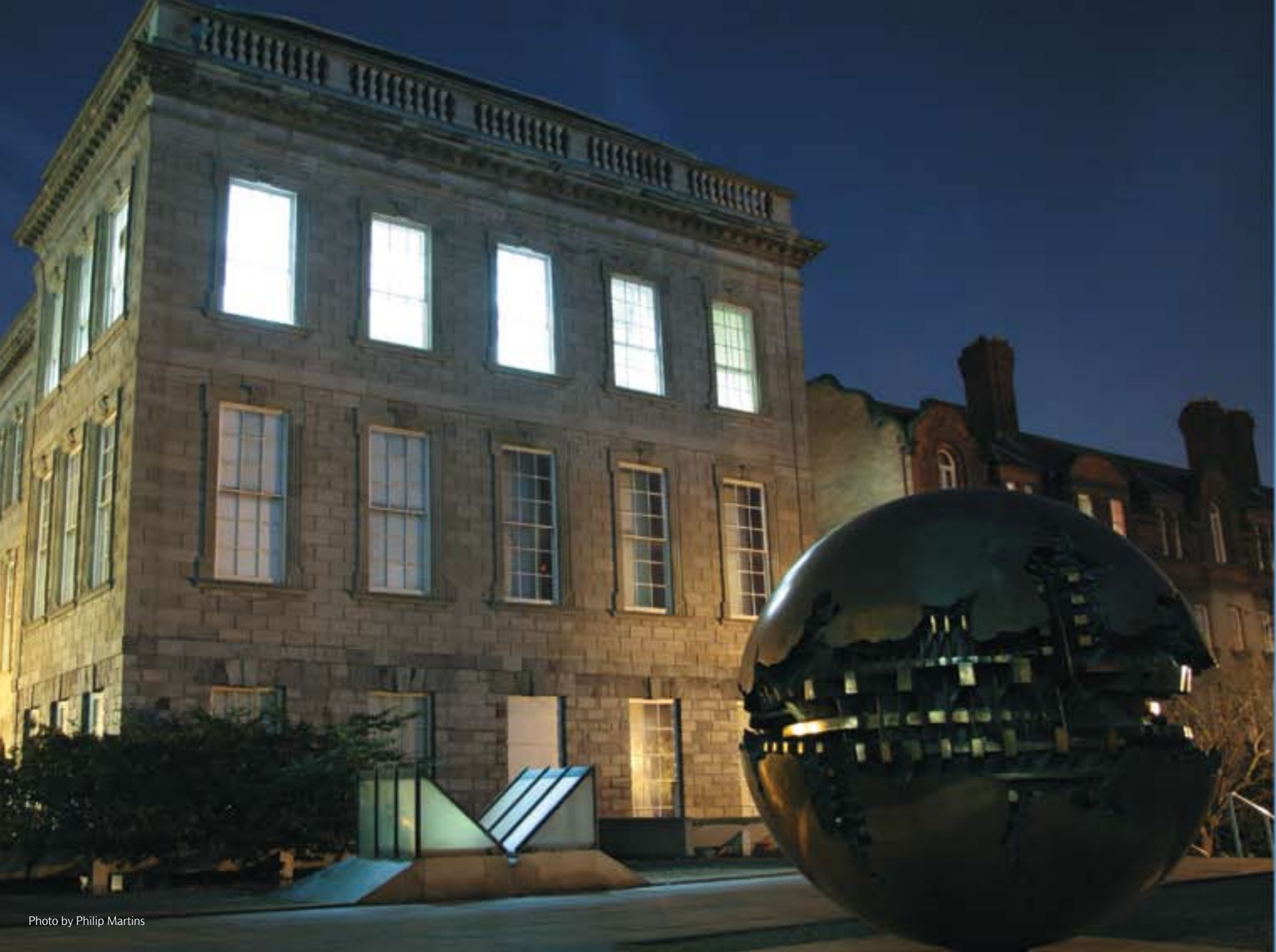
REGISTRATION

Research students may register either in October or in April. However as most taught postgraduate courses commence in October, Autumn registration is the major registration time and will take place on 28 and 29 September 2006. In April 2007, new entrant and continuing registration is from 3 April until 18 April. Please note that these dates may be subject to change.

POSTGRADUATE ORIENTATION DAY

During registration week a number of formal and informal events are held to introduce newly enrolled students to life in College; these include an orientation session for the current academic year, specifically tailored for postgraduate students. A Postgraduate Orientation Day for new entrants to postgraduate studies in 2006/7 will take place on Friday 29 September 2006 in the Burke Theatre in the Arts Building at 2pm.





FACULTY OF ARTS AND HUMANITIES

School of Histories and Humanities

Head of School: Professor Jane Ohlmeyer

Director of Teaching and Learning (Postgraduate): Professor Eunan O'Halpin

Telephone: +353-1-608 1020

Fax: +353-1-608 2291

Internet: www.histories-humanities.tcd.ie

The School of Histories and Humanities comprises the departments of Classics, History, History of Art and Architecture and the Centre for Gender and Women's Studies.

With 35 full-time academic members of staff and 8 postdoctoral fellows the School enjoys an international research profile in a remarkable range of different disciplines and subject areas: archaeology, philosophy (classics), Latin and Greek language and literature, Classical, Medieval and Modern History (Irish and European) and History of Art and Architecture. We currently have 139 research students and 51 taught students. Staff are accessible, ready to listen to students' ideas and open to interdisciplinary approaches. They pride themselves on their ability and willingness to give personal attention to graduate students and on the atmosphere of mutual

assistance and respect among staff and students that prevails.

The School regularly sponsors international conferences and symposia and runs six major research seminars. These provide a forum for distinguished scholars, postgraduates and postdoctoral fellows from throughout the world to present papers. The School also plays an active role in the activities of Trinity's leading humanistic research centres. A number of these are located within the School: Irish Art Research Centre; Centre for Medieval History; Centre for Contemporary Irish History; Centre for Irish Scottish Studies; Centre for Gender and Women's Studies; Mediterranean and Near Eastern Studies; and the Centre for the Study of the Platonic Tradition. Within Ireland, the School has fostered close links with the other universities and enjoys



personal and institutional links with a number of other institutions in the United Kingdom, continental Europe and North America.



Our postgraduates come from all over the world and form a well-established and vibrant community of nearly 200 students. They run regular postgraduate seminars and participate in all School activities. The School is committed to helping postgraduates prepare for a career within and beyond academia. We offer five taught M.Phil. programmes,

postgraduate training, a variety of career development workshops and teaching opportunities for senior postgraduates. Many of our postgraduates have secured competitive funding for their studies from external or College sources.

For details of Government of Ireland postgraduate scholarships see www.irchss.ie.

Further details on postgraduate opportunities in the School are available, in the first instance, from Prof. Jane Ohlmeyer at jane.ohlmeyer@tcd.ie and the Director of Teaching and Learning (Postgraduate), Prof. Eunan O'Halpin at ohalpine@tcd.ie.

School of Linguistic, Speech and Communication Sciences

Head of School: Professor David Little

Director of Teaching and Learning (Postgraduate): Professor John Saeed

Telephone: +353-1-608 1560

Fax: +353-1-608 2941

Email: clcsinfo@tcd.ie

Internet: www.speech-comms.tcd.ie



The School of Linguistic, Speech and Communication Sciences offers four taught Masters programmes and a comprehensive range of doctoral research opportunities in the study of general and applied linguistics, speech sciences, speech and language pathology, clinical linguistics and deaf studies. The School was formed in 2005 from three main constituents: The Centre for Language and Communication Studies; the School of Clinical Speech and Language Studies; and the Centre for Deaf Studies.

The Centre for Language and Communication Studies, founded in 1979, is a centre of research in linguistics, applied linguistics, phonetics and speech science and provides teaching at undergraduate and postgraduate levels. The Centre offers three integrated taught Masters degrees in

Linguistics, Applied Linguistics and Speech and Language Processing. The Phonetics and Speech Lab provides for research and teaching in those areas. The Centre supports language learning and teaching in the university by maintaining state-of-the-art technical facilities and resources, and providing integrated and extracurricular language modules for students not majoring in languages.

The Centre offers opportunities for doctoral research in linguistics, applied linguistics, phonetics and speech science. In linguistics students have conducted research on a diverse range of languages and in fields including language acquisition, computational linguistics (in collaboration with the School of Computer Science and Statistics), morphology, phonology, pragmatics, semantics, syntax,

sociolinguistics, language planning, typology and universals. In applied linguistics doctoral supervision is available in areas such as autonomy in second/foreign language learning; language transfer; learner strategies and communicative strategies; media and technologies in language-learning; metacognition and metalinguistic awareness; pragmatics and language-learning; syllabus, learning materials and pedagogical grammar; the age factor in language learning; and the L2 mental lexicon. Research in applied linguistics informs the activities of two campus companies of Trinity College: Authentik Language Learning Resources Ltd, which publishes language learning materials and books for language teachers and Integrate Ireland Language and Training Ltd, which is funded by the Department of Education and

Science to provide English language training for adult refugees and to support teachers of English as a second language to immigrant pupils in primary and post-primary schools.

Research in the Phonetics and Speech Lab currently has funded research in a range of projects. Three important current strands are: firstly, the analysis and modelling of voice quality, with particular interest in how the voice source as a basic dimension of prosody is exploited both for linguistic purposes and for the paralinguistic communication of emotion and attitude. A second project is the prosody of Irish dialects and of different varieties of Irish-English. A third is text-to-speech development for Irish and for Irish English. In a collaborative project with the University of Bangor, Wales, Dublin City University and University College Dublin, researchers are developing the prerequisites for the development of text-to-speech synthesis of Irish.

The School of Clinical Speech and Language Studies is the longest established area for the education of speech and language therapists in Ireland. Founded in 1969 as the Dublin College of Speech Therapy, the qualification was awarded degree status in 1977, from the University of Dublin. The School of Remedial Linguistics was instituted as part of the Arts (Letters) Faculty in 1979 and it became the School of Clinical Speech and Language Studies, in the

Faculty of Health Sciences in 1985. In 2005, the School of Clinical Speech and Language Studies became one of the departments of the School of Linguistic, Speech and Communication Sciences.

The primary research focus within the department is on communication in typical and atypical contexts, with particular emphasis on the social experience of communication difficulties. At a postgraduate level, the department offers a range of research opportunities leading to the award of higher degrees (M.Sc., M.Litt., Ph.D.). An interdisciplinary approach to research is encouraged. In addition to the links with the Centre for Language and Communication Studies, the department has established research collaborations with colleagues in the areas of Education, Psychology, the Centre for Gender and Women's Studies and in cognate areas within the Faculty of Health Sciences. On application, prospective students are interviewed to assess the student's suitability and potential as a graduate student and to consider whether the appropriate supervision is available.

Specific research interests of the staff include: acquired communication disorders; augmentative and alternative communication; developmental disorders of speech and language; discourse analysis; fluency; gender issues; identity and disability; language and psychiatry; life-span development; programme evaluation;

voice; and written language development and disorders. The department also offers a range of opportunities for taught postgraduate courses in the area of speech language pathology, with clinical specialisms in dysphagia, acquired communication disorders, augmentative and alternative communication and developmental disorders of speech and language.

The Centre for Deaf Studies was established in 2001 as a centre of excellence in education and research in the field of Deaf studies. Its core activities include training for Irish Sign Language tutors and Irish Sign Language/English interpreters, general training in the field of Deaf Studies and linguistic research focusing on describing Irish Sign Language (ISL). Its primary role as a teaching institute involves training native/near-native Irish Sign Language users.

The Centre offers opportunities for doctoral research in Deaf studies over a broad range of topics, ranging from sign linguistics to language planning and language rights. Current research areas include the linguistic description of Irish Sign Language; the Signs of Ireland project, which is building and transcribing a corpus of Irish Sign Language that will be of use to researchers in the fields of linguistics, interpreting, language teaching, anthropology and sociology; curriculum design for the teaching of Irish Sign Language; and interpreting between spoken and signed languages.

Vice-Deanery, Faculty of Arts and Humanities

Vice-Dean: Professor John Scattergood

Director of Teaching and Learning (Postgraduate): Dr Cormac Ó Cuilleain

Telephone: +353-1-608 1504

Fax: +353-1-671 5269

Email: vdah@tcd.ie

Internet: www.vicedeanery-ah.tcd.ie

The Vice-Deanery of Arts and Humanities

is the focus for research into language and languages, literatures both medieval and modern, translation studies, drama and theatre studies, film, music, religions and theology. All areas offer specialized supervision for research leading to M.Litt. and Ph.D. degrees, and some offer Postgraduate Diploma and M.Phil. courses which involve both taught elements and a research dissertation.

English offers opportunities for research in medieval, renaissance and modern literature, including American and Caribbean literatures. A particular feature of this area is the commitment to the study of Anglo-Irish literature, partly through research and partly through a taught M.Phil. Recent developments include

M.Phil. courses in creative writing and popular literature.

Irish and Celtic languages has both a Postgraduate Diploma in Old Irish and a M.Phil. in Early Irish in addition to well-established research fields in language and literature, old, medieval and modern.

The modern language disciplines of French, Germanic Studies, Italian, Russian and Slavonic Studies, and Hispanic Studies all offer specialist supervision over a wide range of areas, linguistic, literary and cultural. Two offer taught postgraduate courses: French offers a M.Phil. in Textual and Visual Studies concentrating on 19th and 20th century France; Germanic Studies offers a course in German Literature and Language Pedagogy.



The modern language disciplines also combine with each other and with other areas to offer interdisciplinary postgraduate courses. A M.Phil. in Medieval Language, Literature and Culture draws on the expertise of early period specialists from English, French, Germanic Studies, Irish and Italian, as well as having input from Religions and Theology and Philosophy. A M.Phil. in Literary Translation involves the disciplines of French, Germanic Studies, Italian, Hispanic Studies and Russian and has contributions also from other disciplines including English and Classics.

The Samuel Beckett Centre is the focus for research in Drama and Theatre Studies, and for Film Studies. Both the M.Phil. in Theatre and Performance and the M.Phil. in Film Theory and History are located there.

As well as offering opportunities for research in a number of specialist areas, Music, in conjunction with Electrical Engineering, offers a one-year

Postgraduate Diploma and a two-year M.Phil. in Music and Media Technologies.

The research community of the Vice-Deanery of Arts and Humanities comprises some 70 full-time academic staff, 155 postgraduate students writing theses, and 100 following taught courses. The postgraduate student body is a very international one.

Students are generally registered within specific areas, but interdisciplinary work is encouraged: Religions and Theology, for example, is involved with Classics in research in medieval and Near-Eastern studies. Some areas have connections with other institutions within the city which enable the research base to be broadened: Drama Studies has a well-established relationship with the Abbey Theatre, and Drama Studies, Film Studies and English all have connections with the Irish Film Centre.

Some areas profit from relationships with universities outside the country. For part of the M.Phil. in Textual and Visual Studies students attend courses at the Université de Paris VII and X. English and Irish, along with History, are involved with the universities of Belfast, Strathclyde and Aberdeen in the Irish Scottish Academic Initiative, which promotes collaborative research over a broad cultural range.

In courses involving literature and drama it is quite normal for creative practitioners to contribute on an informal and occasional basis. More formally, English, in conjunction with the Arts Council of Ireland, appoints a writer fellow and in conjunction with the British Council (Ireland), an international writer fellow. Both contribute classes to its postgraduate courses.



Irish School of Ecumenics

Head of School: Professor John D'Arcy May

Telephone: +353-1-260 1144

Fax: +353-1-260 1158

Email: isedir@tcd.ie

Internet: www.tcd.ie/ise

The Irish School of Ecumenics was established in 1970. It is a graduate institute of Trinity College Dublin with 17 academic staff members and 120 postgraduate students committed to applied research at the intersection of politics, theology and religion.

ISE is an international academic institute, Christian in its inspiration and ethos, and interdenominational in structure and personnel. It exists to promote, through research, teaching and outreach activities, the unity of Christians, dialogue between religions and work for peace and justice in Ireland and abroad. Its resources are available to churches and other appropriate bodies committed to unity, dialogue and peace.

Our commitment to excellence draws from an expert lecturing staff and from study programmes that make demands on both

intellect and imagination, combined with the support and challenge offered by an international peer group. Applied research is at the heart of all work undertaken at ISE, where students engage with crucial issues currently facing governments, religions, NGOs and peace organisations. Through their interaction with staff and with each other, students undertake valuable work at the cutting edge of reconciliation, peace, ecumenical and conflict and dispute resolution studies with an increasingly evident social benefit.

Students are offered a unique experience in a stimulating environment, where our taught programmes and research degree programmes encourage scholarly exploration of the intersections between politics, theology and religion. In addition to a core curriculum that gives students a solid knowledge base in the field, each



programme allows for specialisation. Courses in the programmes are open to all students, which allows them to pursue a wide variety of academic interests. In addition to our permanent academic staff and visiting lecturers, there are regular guest lecturers and visitors from around the world who strengthen the international flavour of ISE.

Our students come from diverse backgrounds with a vast array of work and life experiences. They come from all around the world, bringing their energy and vitality to the programmes which are,

at least, as important as the teaching and research work. Over the years, students have held Rotary and World Council of Churches scholarships as well as other prestigious awards. Since 2000-2001, we have welcomed a number of George Mitchell Scholars in the Peace Studies and Ecumenical Studies programmes.

Ecumenical Studies derives its name from the Greek word *oikoumene*, meaning the one, inhabited earth. A plurality of religions and value systems share this one inhabited earth, generating not only conflict and misunderstanding, but also resources and motivations to understand and transcend conflict. From a perspective informed by Christian theology, Ecumenical Studies focuses on three key arenas of dialogue in order to promote a critical understanding of relationships within and between traditions - dialogue within the Christian traditions, with other religious traditions, and with others committed to a study of the ethical dimensions of political engagement.

ISE offers a variety of postgraduate programmes such as the taught M.Phil. degree programmes (assessed on the basis of course work and a research dissertation) as well as a part-time Postgraduate Diploma in Conflict and Dispute Resolution Studies. Our programmes are internationally recognised as providing ground-breaking, research-driven immersions into the fields of Ecumenical Studies, Peace Studies and



Reconciliation Studies. Research degrees (Ph.D. and M.Litt.) are also available. Applications for a research degree should be submitted to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2. Applications for all other taught programmes should be sent directly to the Irish School of Ecumenics.

The M.Phil. in Peace Studies examines the problems of war and political violence from the perspectives of international relations, global justice and conflict resolution. It offers to students from different primary disciplines the opportunity for mature reflection on the wide range of issues concerning peace and conflict, while at the same time affording the opportunity for specialised study through a research dissertation. A particular aim of the programme is to address the wider ethical and philosophical questions that arise through examining peace and war in the context of social sciences.

The M.Phil. in Reconciliation Studies which is a cross-border course (Belfast-Dublin) designed to address the challenge of developing a fuller, more complex and more systematic understanding of theoretical and practical approaches to reconciliation. The programme grows out of and addresses the needs and experiences of people in Northern Ireland. Thirty years of violence have taught people some costly wisdom about reconciliation, which needs both to be consolidated and further applied in Northern Ireland and to be offered to others who have experienced similar conflicts. Reciprocally, the Reconciliation Studies programme will also be probing conflicts around the world for lessons to be applied in Northern Ireland and more widely.

The Conflict and Dispute Resolution postgraduate diploma programme is aimed at setting standards of best practice for those, who choose to include Alternative Dispute Resolution in their range of tools for effective and creative management and for the resolution of commercial and other disputes. The programme sets out to provide a foundation and forum in this area of study and research to establish standards of excellence and to develop an ethos in the practice of conflict and dispute resolution that will have far-reaching benefits by inspiring educators, leaders, policy makers and practitioners.

At ISE it is possible to obtain degrees by research across the full range of the School's teaching and research interests. Candidates are normally required to possess a good honors degree or equivalent qualification. Residency in Ireland is normally a requirement.

The number of research students is increasing. Candidates are working on topics ranging from Christian ecumenism, especially as it pertains to the situation in Northern Ireland, to the role of religions, the media and mediation in conflicts around the world. Research is also being undertaken into relationships between religions and their contributions to reconciliation and peace-building. This is in accord with our overall research strategy, which engages in projects on ethical globalisation, local and global civil society, the fundamentalist imagination, the role of religions in foreign policy and democratisation, the trauma of loss and the trafficking of women from Eastern Europe. The new political and economic developments in Ireland and in Europe provide a stimulating context for collaborative research at ISE.

Though course work does not form part of the programme, students are free to attend courses across the whole range of ISE programmes and in specific cases attendance at courses may be required.



NAMED DEGREE COURSES

BACHELOR IN DIVINITY (B.D.)

COURSE CODE 157

Course Co-ordinator: Prof. Nigel Biggar

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1297

Email: jwelch@tcd.ie

Internet: www.tcd.ie/Bib_Theo/post.htm

The degree of Bachelor in Divinity is a higher degree awarded on the basis of examination and thesis. Appropriately qualified candidates, accepted for the degree must complete an examination in eight papers and a thesis of 40,000 words within five years. Candidates study independently for the examination, but may obtain advice and a bibliography

on each subject from Religions and Theological Studies.

M.SC. COURSES

CLINICAL SPEECH AND LANGUAGE STUDIES (DYSPHAGIA)(M.Sc./P.Grad. Dip.)

COURSE CODES 723/722

Course Director: Dr Margaret Walshe

Course Co-ordinator: Ms Margaret Leahy

Duration: One year, part-time (P.Grad. Dip.); two years, part-time (M.Sc.)

Closing Date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2. Late applications may be considered subject to the availability of places.

Entry both via P.Grad.Dip. and M.Sc. - for further details contact the course director at walshema@tcd.ie.

M.PHIL. COURSES

ANGLO IRISH LITERATURE

(M.Phil./P.Grad.Dip.)

COURSE CODE 180

Course Directors: Prof. Terence Brown and Prof. Nicholas Grene

Duration: One year, full-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1400/1179

Email: tbrown@tcd.ie/ngrene@tcd.ie

Internet: www.tcd.ie/OWC/courses/anglo/index.html

The course offers graduates in English or in related disciplines (e.g. history, art history, Irish studies, a modern language) the opportunity to study the broad range of authors of Anglo-Irish literature from the 18th century to the present. It also addresses thematic aspects of the subject. The course is designed to be complete in itself but can also serve as preparation for those who may wish to proceed to further research in the field.

Applicants should have a good honors degree (at least an upper second or equivalent, GPA of at least 3.3). Some previous knowledge of Anglo-Irish literature is also desirable. Admission

to the course is competitive due to a restricted quota.

The course consists of five elements:

- i) The main authors of Anglo-Irish literature – Swift, Edgeworth, Yeats, Joyce, Beckett are studied in two weekly two-hour seminars in the Michaelmas and Hilary terms.
- ii) There is a series of lectures on the contexts of Anglo-Irish literature in the Michaelmas term.
- iii) There is a course in Research Methods in the Michaelmas and Hilary term.
- iv) A number of special subjects are offered in Michaelmas and Hilary terms. These special subjects may vary from year to year according to staff availability. They have included in the past: Literature and Violence; Literary Myths of the Revival; Irish Drama and the Metropolitan Theatre; Modernism and Irish Poetry; Gothic and Fantasy Literature; Irish Fiction after Joyce; Irish Women's Writing; Cinema and Ireland. Students are required to select a special subject in Michaelmas term. In place of one of the special subjects offered in Hilary Term, students may enrol for a Creative Writing workshop which meets in Hilary term. Entry to this part of the course is based on assessment of a portfolio of the student's writing, which

must be submitted before the end of the Michaelmas term.

- v) A dissertation (12,000-15,000 words) is planned in consultation with a Course Director in Hilary term and is prepared and written under the guidance of a supervisor in the Trinity term and in the long vacation (July to September).

Assessment is by a combination of course papers, presented work and dissertation.

Further information on the course is provided for incoming students in the course handbook and on the website of the Oscar Wilde Centre for Irish Writing.

CREATIVE WRITING (M.Phil.)

COURSE CODE 255

Course Director: Mr Gerald Dawe

Duration: One year, full-time

Closing Date: 1 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2885

Email: oscar@tcd.ie

Internet: www.tcd.ie/OWC/courses/creative/index.html

This course, the first Masters programme in creative writing in an Irish university, was offered for the first time in 1997/98.

It is based in the Oscar Wilde Centre for Irish Writing, 21 Westland Row, the birthplace of Oscar Wilde.

The course is intended for students who are seriously committed to writing, are practising, or prospective authors and who wish to develop their writing within the framework of a university course and in the context of an Irish literary milieu. It involves the close and critical examination of the students' work in group workshops and under guided personal tuition, with the study also of the professional techniques of book editing and publishing, and the opportunity to explore the cultural and literary contexts of writing in Ireland.

Applicants, who are expected to have a university degree or equivalent qualification, are selected on the basis of a submitted portfolio of recent creative work.

Students are required to take workshops, attend courses of lectures, and take one special subject or specialist writing workshop, while continuing to develop their own individual work throughout the year.

EARLY IRISH (M.Phil.)

COURSE CODE 628

Course Co-ordinator: Prof. Damian McManus

Duration: One year, full-time. Next in-take October 2006, however please confirm

directly with the course co-ordinator prior to submitting application.

Closing Date: 31st July 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1105

Email: pmcmanus@tcd.ie

Internet: www.tcd.ie/Irish/irww318.htm

The M.Phil. course builds on the material presented in the Postgraduate Diploma in Old Irish. Applicants will therefore normally have successfully completed the latter course, though persons with



equivalent competence in Old Irish but who have not successfully completed the diploma are also eligible to apply. All candidates undertake core courses in Old Irish prose and Old Irish poetry. They must also choose an optional course from comparative linguistics, early Irish law or Middle Irish. In addition students attend, and must present a paper in, the postgraduate seminar series and attend a series of guest lectures. Finally all candidates undertake a dissertation of 20,000 words.

ECUMENICAL STUDIES (M.Phil.(Ecum.)/P.Grad.Dip.) COURSE CODE 170/173

Course Co-ordinator: Dr Andrew Pierce

Duration: One year, full-time; two years, part-time. Teaching takes place in Dublin over two ten-week terms, (October-December 2006 and January-March 2007). A one term (ten week) programme is available and is ideal for those on sabbatical, or for those who prefer a shorter period of study.

Closing date: 30 June 2006. Places may be offered after this date, subject to availability. Applications are reviewed on an ongoing basis from 1st January in the year of admission and should be addressed directly to Ecumenical Studies Programme, Irish School of Ecumenics, Bea House, Milltown Park, Dublin 6.

Telephone: +353-1-260 1144 (Ext. 111)

Direct telephone: +353-1-206 0353

Fax: +353-1-260 1158

Email: ecumsec@tcd.ie

Internet: www.tcd.ie/ise/postgraduate/ecumenical.php

Students participate in five courses for assessment purposes, and submit essays in four of these. Students undertake three placements during their studies and, in addition, there is an opportunity to pursue fieldwork in Northern Ireland. In this research-driven programme, students are also encouraged to participate in staff-led research seminars, in which there is ample opportunity to engage in a shared and critical pursuit of scholarship.

Assessment: The assessment is comprised of four 5,000-6,000 word essays (or equivalent) to be completed by 1st May, and an 18,000 -20,000 word dissertation to be completed by 15th September.

All students are registered on a common Masters programme and follow the same assessment procedures for the four required essays: students write an essay for each of the three Core Courses, and one essay for an Elective Course. Subject to satisfactory performance in the four essays, students may proceed to submission of a dissertation for the M.Phil. Students who do not reach that standard,



but who nonetheless are judged by the Court of Examiners to have reached a satisfactory level of performance, may be recommended for the award of the Postgraduate Diploma, without further assessment.

Admission Requirements: Applicants should normally have a second class honors degree or higher in Theology or Religious Studies or an equivalent degree in a cognate discipline. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

FILM THEORY AND HISTORY (M.Phil.) COURSE CODE 721

Course Director: Dr Paula Quigley

Duration: One year, full-time

Closing Date: 31 March 2006. Applications should be made directly to the Graduate Studies Office, Arts Building, Trinity College Dublin.

Telephone: +353-1-608 3512

Email: pquigley@tcd.ie

Internet: www.tcd.ie/Drama

The course is designed to equip students with a wide-ranging knowledge of film theory and history. It is a one year full-time course based on lectures, seminars and screenings. Candidates for admission to the M.Phil. in Film Theory and History should have a good honors degree of upper second class or above, or an equivalent qualification, in a cognate area.

The course consists of two core courses, two option courses and a dissertation. In addition to lectures/seminars, students are required to attend one two-hour screening per course each week for each of Michaelmas and Hilary terms. The courses are:

- Research methodologies core course (Michaelmas and Hilary terms): facilitated discussion sessions designed to explore current theoretical approaches to the study of film, to encourage students to share research, and to develop oral presentation skills.
- Film theory and history core course (Michaelmas and Hilary terms): theories of visual culture/theorising film history and historical research and archiving methods.
- Option courses (students to take one option in Michaelmas and one option in Hilary term): Available options will be confirmed at the beginning of each academic year.

- A dissertation of 20,000 words on an approved aspect of the course will be supervised by an appropriate member of staff.

Students are evaluated by course work, assessment and a dissertation.

GENDER AND WOMEN'S STUDIES (M.Phil./P.Grad.Dip.)

COURSE CODE to be confirmed

Course Co-ordinator: Dr Maryann Valiulis

Duration: M.Phil.: One year, full-time, two years, part-time; P.Grad.Dip.: one year, full-time, two years, part-time

Closing Date: 30 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2225

Email: wscentre@tcd.ie

Internet: www.tcd.ie/Womens_Studies

This course is designed to provide a critical understanding of the current scholarship on the position and representation of women in society. Drawing on insights and perspectives from a number of academic fields, the course is both interdisciplinary and multidisciplinary. The core of the course is provided by modules in Feminist Theories and Feminist Research Methodologies. Participants also undertake optional courses drawn

from a range including the following: Creative Writing; Feminism and Law; Feminist Literary Criticism; Gender and Globalisation; Gender, Religion and Representation; Gender and Violence, Irish Feminism from 1860; Masculinities; Psychological Development of Girls and Women; Social Psychology of Gender Roles; Women and Learning; Women and the Family; Women in Art; Women in Modern European History; Women, Work and Employment (note: not all courses are available every year).

The entry to the course is via the M.Phil. programme. The award of M.Phil. will depend on the satisfactory completion of four course essays and a dissertation. The award of a Postgraduate Diploma will depend on the satisfactory completion of five course essays. The Executive Committee reserves the right to make the final decision.

M.Phil. students are required to write a dissertation of approximately 15,000–20,000 words on an approved topic relating to women or gender. The dissertation is due in September of the year of entry for full-time students and September of year two for part-time students. Postgraduate Diploma students are required to write a fifth essay which is due in July of the year of entry for full-time students and July of year two for part-time students.

GERMAN LITERATURE WITH LANGUAGE PEDAGOGY (M.Phil./P.Grad.Dip.)

COURSE CODE 248

Course Co-ordinator: Dr Gilbert Carr

Duration: One year, full-time; two years, part-time

Closing Date: 30 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1935/1373

Email: gcarr@tcd.ie

Internet: www.tcd.ie/Germanic_Studies/postgraduate/taught/mphil.htm

Literatur – Kultur – Sprache, a one-year taught M.Phil. programme, is specifically designed as a preparation for graduates aiming at a career in third-level teaching, though it is also taken by other advanced students interested in deepening their understanding of modern German culture and its intellectual contexts (current courses range from Erzählungen vom Unbewußten in Aufklärung und Romantik through Kunst nach Auschwitz to Zeitgenössisches deutsches Drama). The course trains students in literary critical methodology, through courses in Critical and Cultural Theory and Praktikum Textarbeit. It also provides an introduction to language pedagogy: the course Didaktik



Deutsch als Fremdsprache studies theories of language acquisition and their practical application, including that of intercultural contexts. The 25,000 word dissertation, usually on a literary, cultural or related topic, is an opportunity to explore a chosen topic in depth and a preparation for research.

IRISH ART HISTORY (M.Phil.)

COURSE CODE 704

Course Director: Dr Yvonne Scott

Duration: One year, full-time.

Closing Date: 28 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2480/3151

Email: triarc@tcd.ie

Internet: www.triarc.ie

The M.Phil. in Irish Art History was developed in response to the growing

international interest in Irish art, and consequent demand for research and educational opportunities in the discipline. It comes within the ambit of the recently established Irish Art Research Centre within the Department of History of Art and Architecture and draws on the expertise of staff in the department as well as a range of guest lecturers from other institutions. The programme comprises a number of courses designed to explore traditions and innovations in Irish painting, sculpture, architecture and other visual artefacts in their national and international context, and in relation to other disciplines.

To achieve its aims, the content encompasses eight key components: a general survey of developments from Megalithic to Contemporary Irish art; the detailed study of selected periods of excellence; engagement with themes and issues of debate; analysis of approaches and methodologies of research; introduction to a range of repositories of primary and secondary research material; exposure to current research interests of staff, guest specialists, and other postgraduate students; familiarity with a range of works of art and architecture through direct engagement, and through slides, digital images and illustrated texts; experience of personal research on a relevant subject chosen by the student. Students are assessed on a

range of coursework assignments, and a dissertation of not more than 20,000 words. They will be introduced also to selected technical skills relevant to the art historian in the digital age.

In exploring a visual culture that spans several millennia, the exceptional examples of Irish art and architecture - on campus and within easy walking distance of Trinity College, as well as elsewhere in Ireland - provide an invaluable resource enabling unmatched opportunities for the first hand study of Irish art.

Applicants should have a good honors (upper second class or higher) degree in an appropriate discipline, such as art history, architecture, history, literature, philosophy, language studies, politics, and social studies, and demonstrate a keen interest in visual art. Not all qualified applicants can be accepted due to a restricted quota.



**LINGUISTICS/APPLIED LINGUISTICS/
SPEECH AND LANGUAGE
PROCESSING (M.Phil./P.Grad.Dip.)**
COURSE CODE 182/181/268

Course Co-ordinator: Prof. John Saeed

Duration: One year full-time; two years part-time

Closing Date: 30 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1560

Email: clcsinfo@tcd.ie

Internet: www.tcd.ie/CLCS/courses/mphl.html

These courses have some elements in common. Their aims are: to introduce students to techniques of linguistic description and central concepts in theoretical/applied linguistics/speech science and language processing; to proceed from this basis to more advanced study of central topics in theoretical/applied linguistics/speech science and language processing; via the dissertation component to introduce students to research in theoretical/applied linguistics/speech science and language processing.

Besides following a prescribed programme of study, which is assessed on the basis of six assignments, students write a

dissertation of 20,000 words. Normally only graduates with language teaching experience are admitted to the course in Applied Linguistics.

LITERARY TRANSLATION (M.Phil.)
COURSE CODE 715

Course Director: Mr David Parris

Duration: One year, full-time

Closing Date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1979

Email: translation@tcd.ie

Internet: www.tcd.ie/Arts_Letters/translation

There is a widespread interest in literary translation as a form of literary study, and as a discipline that extends the reading and writing skills gained in an Arts degree. Trinity College builds on its large and successful language teaching experience in creating a programme specifically designed for the production and study of literary translations.

The course brings together in an interdisciplinary framework, the expertise to create a unique programme for practitioners, future practitioners and students of the art of translation. The target language is English, but the

following source languages are also available: French, Italian, Spanish, German, Russian, Czech, Latin and Greek. The programme is taught by experienced lecturers, several of whom have published translated books, and guest translators. It features a seminar in which students present and discuss their own work.

A graduate of the course will be well equipped to undertake literary, cultural, academic or philosophical translation, and will be qualified for employment in any area demanding intercultural awareness and excellent writing and analytical skills. The aim is to teach translation as an art, and to form professionals who will have learned to work in an ethos of mutual intellectual and linguistic exchange.

The M.Phil. combines a core course, which addresses theoretical, linguistic and practical issues common to all, or most translation situations, with specialised options which are specific to different countries and historical periods.

MEDIEVAL HISTORY (M.Phil.)
COURSE CODE 225

Course Co-ordinator: Dr Katherine Simms

Duration: One year, full-time

Closing Date: 30 June 2006. Applications should be addressed directly to Dr Katharine Simms, Department of History, Arts Building, Trinity College, Dublin 2.



Telephone: +353-1-608 1790/1791

Fax: +353-1-608 3995

Email: mksimms@tcd.ie

Internet: www.tcd.ie/Medieval_History/gradstudy.html

Medieval History has a well-established one-year taught course leading to the degree of M.Phil. and consisting of a combination of coursework, the selection of an area of specialisation and the preparation of a dissertation of some 20,000 words. Courses are provided for beginners in palaeography and in Latin and/or other relevant languages, though it is also possible to cater for students who already have some knowledge in these areas.

The classes are small so that personal attention can be given and each student's study plan can be tailored to his/her own needs and interests. All students are allocated a tutor, whom they see on a weekly basis and who will also be the supervisor of their dissertation. A central part of the course is the M.Phil. seminar each week, which contributes greatly to the sense of cohesion and cross-fertilisation of ideas that is a feature of the M.Phil. class.

M.Phil. students are also free to attend the weekly graduate seminar at which M.Litt. and Ph.D. students read papers, and are accorded the same treatment as other graduate students, with permanent access to the equipment and library in the

medieval research centre, where they have always been given a warm welcome.

The M.Phil. course is complete in itself, leading to the award of a postgraduate degree, but it also provides an opportunity to obtain in a friendly atmosphere, basic training which can then be applied to more advanced graduate work leading to the degrees of M.Litt. or Ph.D.

MEDIEVAL LANGUAGE, LITERATURE AND CULTURE (M.Phil.)

COURSE CODE 671

Course Director: Dr Tim Jackson

Duration: One year, full-time

Closing date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1501

E-mail: tjackson@tcd.ie

Internet: www.tcd.ie/Medieval_Renaissance

This interdisciplinary course is designed for well-qualified graduates who wish to extend their interest in medieval studies. The flexible structure of the course allows students to construct their degree around their particular areas of interest, while acquiring both the technical expertise to investigate primary medieval documents and an insight into the complexities of

medieval culture generally. Students will have the opportunity to be taught not only by Trinity staff but also by visiting lecturers from other internationally renowned institutions.

In the Michaelmas term, students take three core courses, one of which, Research Methodology, is obligatory. Students may choose their two other core courses from the following: Medieval Thought, Medieval Culture and Society, a language (Medieval Latin; elementary Classical Latin; Italian; Old English; Middle English; Medieval German; Medieval French; Old Irish).

In the Hilary and Trinity terms, students follow two options chosen from the following (subject to availability): Varieties of Narrative in the Canterbury Tales; 15th Century Allegories of Love; Medieval Outlaws; Women in Medieval Drama; Language and Genre; Varieties of Comedy; Dante, Boccaccio et alia; Old Irish Poetry; Comparative Linguistics from the Celtic Point of View; Early Irish Law; Middle Irish; Introduction to Early Medieval Ireland; Music in European Monasteries, Cathedrals and Courts; Music and Liturgy of the Medieval Irish Church; Old English Prose; Vergil in the Middle Ages; Arthurian Heroes; Malory's Morte d'Arthur; Medieval Philosophy; Medieval Perceptions of Islam; Late Medieval French Poetry; the Old French 'récit bref'; Text and Image. The course concludes with a 20,000

word dissertation to be submitted by 30 September.

Students are encouraged to supplement their studies by attending the Seminar Programme organised by the Centre for Medieval and Renaissance Studies.

MODERN IRISH HISTORY (M.Phil./P.Grad.Dip.)

COURSE CODE 732

Postgraduate Co-ordinator: Prof. Eunan O'Halpin

Duration: One year, full-time.

Closing Date: 1 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2. Late applications may be considered subject to the availability of places - should the course be oversubscribed a 'waiting list' will operate.

Telephone: +353-1-608 1020

Fax: +353-1-608 2291

Internet: www.tcd.ie/Modern_History/ireland.php

The course is intended as an introduction for well-qualified Humanities or Social Sciences graduates to research in Modern Irish History. The emphasis in the M. Phil. in Modern Irish History will be on the study of problems, issues and epochs in a broadly comparative context, rather than treating Irish history as somehow



'exceptional'. As well as taking subject specific modules in various aspects of the political, military, social, economic, religious and cultural history of modern Ireland, students will be exposed to a rigorous research training programme. Drawing on the current interests of the staff in the Department of Modern History, it will be based on the rich resources of Trinity College Dublin's library and of the adjacent Dublin libraries (the National Library of Ireland, the National Archives and Marsh's Library). The course may also serve as an introduction to graduate research for students wishing to go on to pursue a doctorate in Modern Irish History.

The course work consists of four elements and students are expected to attend all taught components of the course

- i) First, every student will take two major subjects of study. Topics include 'Kingdom and Colony in sixteenth-century Ireland, 1500-1607' (Ciaran Brady); 'War and Society in early modern Ireland' (Jane Ohlmeyer); 'Big house and hidden Ireland: representation and reality in rural Ireland 1650-1840' (David Dickson); 'Ireland in crisis, 1791-1803' (Patrick Geoghegan); 'The Famine and Beyond' (William Vaughan); 'Emigration and the Irish Overseas' (David Fitzpatrick); 'Shoot them and be damned: violence and politics in 20th century Ireland' (Anne Dolan); and 'Issues in Anglo-Irish relations, 1920-1973' (Eunan O'Halpin). (Availability of individual subjects will vary from year to year).

ii) Second, there is an emphasis on generic research training. As well as exploring the increasing variety and complexity of technical tools widely available for historical research, the M. Phil. provides structured professional training, information management skills and the capacity for continued, often self-directed, life long learning.

iii) Third, students seeking the M. Phil. submit a dissertation of no more than 15,000 words based on primary sources. This might form the basis for further historical research or lead to publication.

iv) Fourth, students attend weekly departmental research seminars in Irish and British History (1500-1900) and/or in Contemporary Irish History (post-1921). These seminars provide a forum for distinguished scholars, postgraduates and postdoctoral fellows from throughout the world to present papers.

MUSIC AND MEDIA TECHNOLOGIES (M.Phil./P.Grad.Dip.)

COURSE CODES 257/260

Entry via Diploma. For full details see P.Grad.Dip. section detailed below.

PEACE STUDIES (M.Phil.(Peace Studies)/P.Grad.Dip)

COURSE CODE 220/243

Course Co-ordinator: Dr Iain Atack

Duration: Taught M.Phil. – one year, full-time; two years, part-time. Teaching takes place in Dublin over two terms, October-December 2006 and January-March 2007. A one term (ten week) programme is available and is ideal for those on sabbatical, or for those who prefer a shorter period of study.

Closing Date: 30 June 2006. Places may be offered after this date, subject to availability. Applications are reviewed on an ongoing basis from 1st January in the year of admission and should be addressed directly to Peace Studies Programme, Irish School of Ecumenics, Bea House, Milltown, Dublin 6.

Telephone: +353-1-260 1144*Fax:* +353-1-260 1158*E-mail:* peacesec@tcd.ie*Internet:* www.tcd.ie/ise

Students attend five courses over one year (full-time) or over two years (part-time).

The programme is divided into three areas of specialization International Politics, Ethics in International Affairs; Peacebuilding and Development. Students choose one area of specialization.

All students attend the course on The Politics of Peace and Conflict, preferably in the first year for part-time students. Students must also take at least one of: International Politics, Ethics in International Affairs, Conflict Resolution and Non-violence or Politics of Development. The remaining courses chosen are optional for each specialization.

Assessment: The assessment consists of four 5,000-6,000 word essays to be completed by 1st May, and an 18,000-20,000 word dissertation to be completed by 15th September.

All students are registered on a common Masters programme and follow the same assessment procedures for the four essays required. Subject to satisfactory performance in the four essays, students may proceed to submission of a dissertation for the M.Phil. degree. Students who do not reach that standard, but who nonetheless are judged by the Court of Examiners to have reached a satisfactory level of performance, may be recommended for the award of a postgraduate diploma, without further assessment.

Admission Requirements: Applicants should normally have an honors degree at second-class level or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

**POPULAR LITERATURE (M.Phil.)**

COURSE CODE 709

Course Director: Dr Darryl Jones*Duration:* One year, full-time

Closing Date: 29 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1878*Email:* drjones@tcd.ie*Internet:* www.tcd.ie/English

This course offers an opportunity for the advanced study of popular literature. In recent years a body of theoretical and cultural historical material has developed

that attempts to define what 'the popular' means now, and what it has meant historically. At the same time texts that do not seem to belong to traditional canons increasingly attract critical attention, and have come to be taught at university level alongside more canonical texts. In this light the course will cover such popular genres as adventure fiction, children's literature, horror, detective fiction, romance and science fiction, as well as offering an advanced introduction to such topics as the bestseller, genre theory, print culture and readership.

Applicants are normally expected to have a good honors degree (at least of upper second standard) or an equivalent qualification.

The course comprises three elements:

- i) A core course meeting twice a week for 2 hours over 2 terms;
- ii) Option courses meeting once a week for 2 hours – students take one per term;
- iii) The research methods course.

This creates a total of 7 contact hours per week. Students also spend a substantial amount of time in library research. Assessment is a combination of four 5,000 word essays and a 15,000 word dissertation to be supervised by a member of staff.

RECONCILIATION STUDIES (M.Phil./P.Grad.Dip.)

COURSE CODE 667

Course Co-ordinator: Dr David Tombs

Campus Location: A cross-border course - Belfast and Dublin

After orientation in Dublin at the start of the course, teaching takes place in Belfast over two teaching terms, October to December 2006 and January to March 2007 and ends with a week-long Spring School back in Dublin. For the remainder of the programme, including the summer dissertation period (April-September) students may be based in either Belfast or Dublin depending on their research interests. A one term (ten week) programme is available and is ideal for those on sabbatical, or for those who prefer a shorter period of study.

Duration: One year, full-time; two years, part-time.

Closing Date: 30 June 2006. Places may be offered after this date, subject to availability. Applications are reviewed on an ongoing basis from 1st January in the year of admission and should be addressed directly to Reconciliation Studies Programme, Irish School of Ecumenics, 683 Antrim Road, Belfast, BT15 4EG, Northern Ireland.

Telephone: +44-28-9077 0087 (from within the Republic of Ireland 048 9077 0087)

Fax: +44-28-9037 3986 (from within the Republic of Ireland 048 9037 3986)

Email: reconsec@tcd.ie*Internet:* www.tcd.ie/ise

Students take five of the eight courses offered and are assessed on four of them. The courses include Dynamics of Reconciliation; Theology of Reconciliation; Conflict Transformation; Northern Ireland – Conflict and Reconciliation; Social Research Methods; Resources of Reconciliation in World Religions; When the Fighting Stops: Transitional Justice and Truth Commissions; and Conflict and Collective Identity: Ethnicity, Nationalism and Religion. Students also participate in a one-week Spring School in Dublin, which varies in content from year to year. In addition seminars will be organized in support of the programme.



Assessment: The assessment consists of four 5,000-6,000 word essays from each of the three core courses, and one from an optional course – to be completed by 1st May, and an 18,000-20,000 word dissertation to be completed by 15th September.

All students are registered on a common Masters programme and follow the same assessment procedures for the four essays required. Subject to satisfactory performance in the four essays, students may proceed to submission of a dissertation for the M.Phil. degree. Students who do not reach that standard, but who nonetheless are judged by the Court of Examiners to have reached a satisfactory level of performance, may be recommended for the award of a postgraduate diploma, without further assessment.

Admission Requirements: Applicants should normally have an honors degree at second-class level or above. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

REFORMATION AND ENLIGHTENMENT STUDIES (M.Phil./P.Grad.Dip.)

COURSE CODES 171/675

Course Co-ordinator: Dr Helga Robinson-Hammerstein

Duration: One year, full-time

Closing Date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1045

Email: hhmrstn@tcd.ie

Internet: www.tcd.ie/Modern_History/Postgrad/Mphil/Mphilhome.php

The course is intended as an introduction for well-qualified arts graduates to research into problems and methods in intellectual and religious history, drawing on the resources of Dublin libraries (especially Trinity College and Marsh's Libraries) and staff research interests. The course work will consist of three elements:

- i) Two major subjects of study in each of the Michaelmas and Hilary terms, which will be taught by means of a weekly two-hour seminar in each subject. The subjects available will be: Michaelmas Term: (a) Reform and Reformation in Central Europe, 1480-1530; (b) Science and Religion in Early Modern Europe; Hilary Term: (a) War and Society in Early Modern Europe (b) The Scottish Enlightenment.
- ii) A course in ancillary skills extending over the Michaelmas and Hilary terms in Analytical and Historical Bibliography.

iii) A dissertation arising out of one of the subjects studied, for which preparation will be made in Trinity term.

In addition there will be a series of research seminars in Trinity Term, in which members of staff and visiting speakers will present papers on topics relevant to the course. Candidates are assessed by a combination of course papers and a short dissertation.

TEXTUAL AND VISUAL STUDIES: 19th AND 20th CENTURY FRANCE (M.Phil.)
COURSE CODE 185

Course Co-ordinator: Prof. David Scott

Duration: One year, full-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1374

Email: dscott@tcd.ie

Internet: www.tcd.ie/French/pages/mphil.php

Designed for well-qualified Arts graduates (or those who have attained an equivalent level in European or other institutions) who have a good working knowledge of both French and English, this course is an introduction to the study of the relationship between the textual and visual in literature, the arts and other areas.

The course includes an introduction to historical bibliography and book production (setting type by hand and printing). Its focus is 19th and 20th century France, but set in a wider perspective. The course, run in Trinity College and Universités Paris 7, and Paris X, is also associated with Vrije Universiteit Amsterdam.

In the first semester (October – January) students, based in Trinity College, study:

- Word and image issues in 19th and 20th century France;
- Introduction to the semiotics of mixed messages;
- Introduction to writing and photography in 20th century France;
- Introduction to analytical and historical bibliography.

Coursework is assessed by two assignments, one oral, and one written, in each semester.

In the second semester (February – May) students, now based in Paris, study:

- Texte et image: problèmes de méthodologie;
- Image et civilisations de l'écriture;
- l'illustration au XIXe siècle français;
- Doctoral seminar at Paris 7.

During the summer (June – September)

students are based in either Paris or Dublin.

A mémoire in French is submitted and defended by Paris-registered students in June or September. For the M.Phil., a 15,000 word dissertation in French or English is submitted to Trinity College by 30 September.

THEATRE AND PERFORMANCE (M.Phil.)

COURSE CODE to be confirmed

Course Co-ordinator: Prof. Brian Singleton

Duration: One year, full-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.



Telephone: +353-1-608 2407

Email: bsnglton@tcd.ie

Internet: www.tcd.ie/Drama/content/02_courses.html

The course focuses on Irish theatre in its European context and culminates in dissertation of 15,000 words. The work normally takes 12 months, although students are required to be in residence only from October through the following June. Visits from Irish practitioners and scholars supplement the regular lectures and seminars in Irish theatre, performance issues, and critical and cultural studies.

POSTGRADUATE DIPLOMAS

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such P.Grad.Dip. courses are not listed below as they are not open to entry as separate options from their parent Masters course i.e. students apply for entry to the appropriate Masters course.

CLINICAL SPEECH AND LANGUAGE STUDIES (DYSPHAGIA) (P.Grad.Dip./M.Sc.)

COURSE CODES 722/723

Course Director: Dr Margaret Walshe to whom enquiries should be directed.

Duration: One year, part-time (P.Grad. Dip.); two years, part-time (M.Sc.)

Closing Date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2. Late applications may be considered subject to the availability of places

Entry both via P.Grad.Dip. and M.Sc. For further details contact the course director at walshema@tcd.ie.

CONFLICT AND DISPUTE RESOLUTION STUDIES (P.Grad.Dip.)
COURSE CODE 673

Course Co-ordinator: Ms Paulyn Marrinan Quinn, B.A. (Dubl.), F.C.I.Arb., S.C.

Duration: Taught Evening Diploma – one year, part-time. Teaching period runs from October to May with 2 evening sessions (6 hours per week) over 24 teaching weeks. There are also two Saturday workshops. Evening courses take place at the ISE Dublin campus in Milltown Park. Parking is available.

Closing Date: 30 July 2006. Applications will be considered after that date only if places remain available. Applications are reviewed on an ongoing basis from 1st January in the year of admission and should be addressed to Conflict and Dispute Resolution Studies Programme, Irish School of Ecumenics, Bea House, Milltown, Dublin 6.

Telephone: +353-1-260 1144 or +353-1-218 0532

Fax: +353-1-260 1158

Email: cdrssec@tcd.ie

Internet: www.tcd.ie/ise

The Conflict and Dispute Resolution Studies programme is designed to promote understanding and recognition of the nature and causes of conflict in political, ethnic, corporate, community and related environments, and provides an overview of prevailing systems of remedy and redress and dispute resolution including Alternative Dispute Resolution processes such as conciliation, facilitation, ombudsmanship and mediation with reference to the development of such concepts at home and in other jurisdictions, whether statutory or invoked on a voluntary basis.

Assessment: is based on two essays, approximately 6,000-8,000 words each, and on a practical skills-based assessment to be completed by 1st August. One essay focuses on underlying theory and philosophy, and the other essay on an area of specialisation in Unit 3 (which may be related to a particular work context). To complete the Diploma satisfactorily a pass mark of 40% must be achieved in each of the three elements of the assessment.

Admission Requirements: Applicants should normally have an honors degree and three years relevant experience, or another third level qualification and five years relevant experience. Students not meeting these criteria may exceptionally be considered at the discretion of the Dean of Graduate Studies.

MUSIC AND MEDIA TECHNOLOGIES (P.Grad.Dip./M.Phil.)
COURSE CODES 260/257
(Jointly with Faculty of Engineering and Systems Sciences)

Course Co-ordinator: Dr Dermot Furlong

Duration: P.Grad.Dip.: one year, full-time; M.Phil.: two years, full-time. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Closing Date: 30 June 2006

Telephone: +353-1-608 1864

Email: dermot.furlong@tcd.ie

Internet: www.mee.tcd.ie/mmt/index.php

In recognition of a shared interest in Information Technology and a growing awareness of its relevance for music, Electronic and Electrical Engineering and Music initiated Postgraduate Diploma and Masters programmes in Music and Media Technologies in Trinity in 1996.



A particular feature of these programmes is a balanced approach to musical and technological topics. Musically, a strong emphasis is placed on the development of adaptable compositional skills, while technological topics are addressed from both a hands-on workstation/studio exposure and a fundamental mathematical and scientific basis, which focuses on musically relevant issues.

The first year is a self-contained Postgraduate Diploma course which provides the necessary musical and technological skills to allow creative individuals to engage in computer-assisted composition and production, apply software tools for the music and New Media industries and/or enter the arena of 'music-on-screen' production for New Media products.

Continuing to a second year of study toward a M.Phil. degree is an option, which is open to those achieving a sufficient standard in their Postgraduate Diploma

exams. The second year combines first semester taught courses with project work in the second semester, and generally has a greater research orientation. The second semester project can be of a musical or technological nature.

Acceptance for the course is based on an overall assessment, which takes into account:

- Undergraduate degree qualification. (Consideration will be given to mature students (over 23 by 1 January of the year of entry) who do not have an undergraduate qualification but who clearly demonstrate relevant experience over a number of years in a related industry or field.)
- Musical/compositional/artistic and/or technological ability as evidenced by a portfolio submission
- Formal musical knowledge level
- References
- Interview

Both programmes cover a wide range of subjects within the general field of music technology, and provide students with a fully professional qualification. The work is intensive and these programmes cannot be undertaken part-time.

It is expected that this course would be co-funded under the National Development

Plan 2006 (Graduate Skills Conversion Programme) for EU fee paying students. In 2005/2006 the fee for EU fee paying students was €1,400.

OLD IRISH (P.Grad.Dip.)
COURSE CODE 627
Next in-take in October 2007

Course Co-ordinator: Prof. Damian McManus

Duration: One year, full-time

Closing Date: 31st July 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1105

Email: pmcmanus@tcd.ie

Internet: www.tcd.ie/Irish/irww317.htm

This course is intended to provide graduates in related disciplines with a solid grounding in Old Irish language and literature. Applications are normally accepted only from persons with a good honors degree in a cognate subject such as Modern Irish or another Celtic language, medieval languages, literature or history, archaeology.

The course commences with an introduction to Old Irish, proceeds on to Old Irish literature, including readings in lyrical verse, and also covers Old Irish glosses and saga literature.



FACULTY OF
ENGINEERING AND
SYSTEMS SCIENCES

School of Computer Science and Statistics

Head of School: Dr David Abrahamson

Director of Teaching and Learning (Postgraduate): Professor Vincent Cahill

Telephone: +353-1-608 1765

Fax: +353-1-677 2204

Email: computerscience.secretary@cs.tcd.ie

Internet: www.cs.tcd.ie

The School of Computer Science and Statistics comprises two academic departments, Computer Science and Statistics, both of which have substantial research programmes.

The objective of the Department of Computer Science is to undertake world-class research in this field that will have a demonstrable impact on society at large and, in so doing, to train the researchers and academics of the future. Consequently, the Department is active in research and continues to be one of the focal points for research in the College. The Department's teaching philosophy is to educate its students to be designers of large complex systems involving hardware, software or a combination of both, and to prepare them to embrace future developments in Computer Science.

The range of computer application today is so wide that it is impossible to cover all aspects of the discipline in a single course. The Department therefore offers a variety of courses, both full-time and part-time, that are oriented towards different fields such as engineering, information systems, ubiquitous computing, networks and distributed systems, natural language processing, multimedia systems and health informatics. Postgraduate students can currently choose between six taught M.Sc. courses as well as the opportunity to undertake research degrees at both M.Sc. and Ph.D. level.

Current research in the Department covers a wide range of topics from the theoretical to the applied. Much of this research is funded by the EU, national funding agencies such as Science Foundation



Ireland and the Higher Education Authority as well as both indigenous and multinational companies.

Staff research interests include distributed systems including middleware and ubiquitous computing; artificial intelligence, especially logic programming, neural networks and case-based reasoning, cognitive science, computational linguistics, natural language processing, computer vision and robotics, image processing, networks and telecommunications including network management, security, electronic commerce and mobile communications, computer architecture, grid computing,

multimedia servers, computer graphics, image synthesis and animation, virtual reality, multimedia systems, information systems and management, management of ICT, health informatics, and formal methods.

The Department of Statistics was founded in 1966 and contains the largest research group in this field in Ireland. The research interests of its staff and graduate students extend well beyond the traditional boundaries of the discipline of Statistics and now encompass research in Information Systems, including their impact on management, government and society.

Within Statistics as traditionally defined, methodological interests include: modern computationally intensive tools in both Bayesian and classical statistics (techniques which are driven by new applications in science and engineering), theoretical work on modern regression methods, specialist applications of statistics in business, industry and society and on methods for teaching Statistics. Research in Information Systems includes quantitative methods in database analysis and qualitative work on evaluation.

The research interests of staff in the Department of Statistics includes quality control and process improvement initiatives particularly in analytical chemistry, data mining including record



retrieval from multimedia databases, determination of food authenticity, reconstruction of past climates, material fatigue in artificial joints, image and signal processing, software reliability, finance, sports, ageing, gender studies, yield management in tourism, government and e-democracy, and the use of information systems in management. Research is also undertaken into computationally intensive methods including Markov chains Monte Carlo, Bayesian learning and data mining, applications of the EM algorithm and adaptive regression splines.

Projects currently supporting research students under funding from national and international agencies include: database

projects MOUMIR and MUSCLE, funded by the EU under the 'Excellence of Networks' and 'Training and Mobility' schemes, projects on new statistical methods for the reconstruction of the European climate since the last Ice Age and methodological work in mixtures and classification, both funded by Science Foundation Ireland. Other research areas include novel methods for the analysis of multi-spectral data in the assessment of meat, funded by Teagasc, new spatio-temporal models for crack growth in metals, funded by Enterprise Ireland, and projects involving the statistical analysis of social data, with a particular emphasis on gender, funded by Wicklow Chamber of Commerce and the Department of Education and Science.

School of Engineering

Head of School: Professor John Fitzpatrick

Director of Teaching and Learning (Postgraduate): Professor Henry Rice

Telephone: +353-1-608 1796

Email: engineering@tcd.ie

Internet: www.tcd.ie/engineering

The School of Engineering is comprised of the Departments of Civil, Structural and Environmental Engineering, Electronic and Electrical Engineering, and Mechanical Engineering and Manufacturing. Postgraduate activities within the School range from part and full time Masters and Diploma courses to advanced research projects usually leading to the award of Doctor in Philosophy (Ph.D.). Part-time postgraduate study can also lead to the award of M.A.I. for recurrent education. The School is committed to the furtherance of excellence in research and houses two significant Research Centres, one in Bioengineering and the other in Transport Technology.

The Engineering School has an international reputation for its research activities and currently has an annual research income in excess of €3 million. This serves to support both graduate

students and postdoctoral fellows who work in a stimulating environment with modern facilities and equipment. Suitably qualified candidates can apply for registration as graduate students working in the research areas outlined below and research funding often provides scholarships for Masters and Doctoral students, to cover the registration, course fees and living costs of research students. Currently, there are nearly 300 postgraduate students and a significant number of postdoctoral fellows and research associates many of whom are from other European and non-European countries. This contributes to a very lively atmosphere so that our School is a very friendly centre of learning with an international outlook. Interested candidates are advised to make direct contact with the relevant academic staff member in the first instance. Information



on the research activities of the staff can be obtained from our website www.tcd.ie/engineering.

The principal interests in Civil, Structural and Environmental Engineering are Environmental Engineering, Geotechnics and Highways and Transportation and Structures. The courses offered include postgraduate courses leading to a Masters degree and seven different Diplomas. There are also many opportunities for research in different areas of civil engineering.

The M.Sc. taught course may be taken on a full-time basis over one year, or part-time over two years. It allows students

to gain specialist knowledge in the areas of environmental and transportation engineering. The Department has an international research reputation in the Environmental, Geotechnical, Structural, Transportation and Materials Engineering. The research-led department includes internationally renowned experts in their fields. The state-of-the-art laboratories, field units and the wide ranging expertise of both the academic and the technical staff combine to make the area one of the most rapidly developing centres of civil engineering research in Ireland.

In Electronic and Electrical Engineering there are three main research areas that lie within the broad engineering discipline of Information and Communications Technology, or ICT. A M.Phil. course in Music and Media technologies is run jointly with the Department of Music.

Electronic Engineering Materials and Microelectronic Technology is a well-established research area that includes the design and development of measurement techniques suitable for the measurement of the electrical properties of ferroelectric liquid crystals, glass-forming liquids and polymers and the magnetic and dielectric properties of nano-materials, in particular magnetic fluids. In the microelectronics fabrication and test area, research interest includes the preparation and characterisation of different structures formed on silicon.

For Electronic Circuit Design, activities extend from mapping DSP algorithms onto architectures and subsequently onto libraries of standard cells, through to full-custom circuit design in CMOS and BiCMOS technologies with an emphasis on low-power dissipation. Specific work includes adaptive signal processing ASICs, power-speed figure of merit studies and the implementation of medical instrumentation applications in discrete and integrated form.

In Communications Engineering and Signal Processing, the work is broadly directed towards land mobile radio communication and propagation, and includes computational electromagnetics, wave scattering, channel identification and modelling, modulation, and digital receiver architectures. Application work focuses on propagation planning and analysis for mobile radio, wireless LAN's. Work in signal processing lies broadly in the areas of image/video processing, audio and acoustic analysis and biomedical, adaptive and Bayesian signal processing.

Mechanical Engineering is located within the Parsons Building at the East end of the College and houses excellent research and laboratory facilities. Most of its research is funded through collaborative projects involving industry, the EU and national government programmes.

The main research activities are conducted within the following research groups Fluids Acoustics and Vibration, Heat Transfer

and Thermodynamics, Trinity Centre for Bioengineering (www.biomechanics.ie), and Manufacturing and Materials Engineering.

The research activities of these groups involve significant work on the application of advanced computer based numerical modelling and simulation for the solution of engineering problems so that there is a common theme of computer based analysis, modelling and experimental validation in each of these areas.

Also on offer is a taught M.Sc. course in Bioengineering, run jointly with the University of Limerick, University College Dublin and the University of Ulster, Coleraine. This course can be covered in one year full-time or over two years as a part-time student. The course aims to equip engineering graduates with the necessary knowledge and skills to work in the medical device industry.

NAMED DEGREE COURSES

MASTER IN ENGINEERING (M.A.I.)

COURSE CODE 154

Course Co-ordinator: Dr Eric Farrell

Closing Date: 31 July 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1146

Email: efarrel@tcd.ie

There are two possible routes for the Master in Engineering M.A.I. degree.

By the first route, for the 'ordinary' M.A.I. degree, the candidate must already have taken the degree of B.A.I. of the University of Dublin and have practised for three years as an engineer. To qualify for the M.A.I. degree, the candidate must present a written thesis, which must take the form of either a report on a piece of engineering research, carried out by the candidate individually or as one of a group, or else a description of a substantial project in design, construction, development or production in an engineering field in which he or she has taken part.

The second route, for the degree known as the M.A.I. (Recurrent Education) is outlined below.

**MASTER IN ENGINEERING (M.A.I.)
RECURRENT EDUCATION**
COURSE CODE 164

Course Co-ordinator: Dr Eric Farrell

Closing Date: 31 July 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1146

Email: efarrell@tcd.ie

The M.A.I. (Recurrent Education) is a Masters degree for engineering graduates.



Students for this degree must complete a research project carried out in his/her professional environment or a detailed case history of a significant industrial project in design, development or production in an engineering field in which he/she has taken part.

Before registering for the M.A.I. (Recurrent Education) degree, students must have completed an approved combination of two of the following postgraduate diploma courses: P.Grad.Dip. in Construction Law and Contract Administration; P.Grad.Dip. in Environmental Engineering; P.Grad. Dip. in Fire Safety Practice (Buildings and Other Structures); P.Grad.Dip. in Highway and Geotechnical Engineering; P.Grad. Dip. in Physical Planning; P.Grad.Dip.

in Project Management; either P.Grad. Dip. in Statistics or P.Grad.Dip. in Quality Improvement. The successful completion of the former P.Grad.Dip. in Public Administration for Engineers (run by the Institute of Public Administration) will also be considered.

**M.SC. COURSES
BIOENGINEERING
(M.Sc./P.Grad.Dip.)**

COURSE CODES 631/630

Course Director: Dr Ciaran Simms

Duration: One year full-time, two years part-time.

Closing Date: 31 July 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3768

Email: csimms@tcd.ie

Internet: www.tcd.ie/bioengineering

Bioengineering may be defined as the application of the principles of engineering to advancements in healthcare and medicine. It is an interdisciplinary field requiring knowledge of both medicine and engineering. The primary aim of this course is to give engineers the knowledge to apply science and technology to the solution of healthcare problems, particularly through the design,

development and manufacture of medical devices. Regulatory issues in medical device technology are also addressed.

The course is run on an all-Ireland basis, with centres in Trinity College Dublin, the University of Limerick, University College Dublin and the University of Ulster, Coleraine. Students will be based in one centre, where they will carry out a research project. Courses will be taught partly in one-week intensive modules, for which students will visit the other centres, and partly by distance learning using the Internet.

Students register on the Masters course in the first instance which consists of five modules together with an extended research project. The course modules cover the following subject areas: biomechanics and implant design, biomaterials, medical electronics, signal processing and medical informatics. Students who pass the taught components of the course but do not proceed to the research project may be considered for the award of a postgraduate diploma.

The entry requirement is a good honors degree or similar qualification in engineering or a cognate discipline.

**CIVIL ENGINEERING
(M.Sc./P.Grad.Dip.)**
COURSE CODE 211

Course Director: Mr Laurence Gill

Applicants' enquiries: Mr Bruce Misstear (bmisstear@tcd.ie)

Duration: One year, full-time; two years, part-time

Closing Date: 31 July 2006. Late applications may be considered if places remain available after the closing date. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1047

Email: gilll@tcd.ie

Internet: www.tcd.ie/Civil_engineering/courses/msc/index.htm

This course aims to provide graduates from Ireland and abroad with an advanced knowledge of various aspects of Civil Engineering. The course has a modular structure, which allows students to study subjects in Environmental Engineering and Highways and Transportation – or any combination of subjects within these disciplines. Students also take a compulsory module in Civil Engineering Management and Research Methods.

The M.Sc. course commences in early October and comprises two terms of

lectures, with examinations, followed by a major dissertation. This course may either be taken full-time over one year or part-time over two years. The entry requirement is a good honors degree in Civil Engineering or a related discipline

**COMPUTER SCIENCE (MOBILE AND
UBIQUITOUS COMPUTING) (M.Sc./
P.Grad.Dip.)**
COURSE CODE 702/703

Entry via Diploma. For full details see the P.Grad.Dip section below.

**COMPUTER SCIENCE (NETWORKS AND
DISTRIBUTED SYSTEMS) (M.Sc./P.Grad.
Dip.)**
COURSE CODE 619

Course Director: Dr Siobhán Clarke

Duration: One year, full-time

Closing Date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.



Telephone: +353-1-608 3094

Email: mscnds-info@cs.tcd.ie

Internet: www.cs.tcd.ie/courses/mscnds

The M.Sc. programme in Computer Science equips students with the theoretical and practical background necessary to enable them to participate in the design of complex networked and distributed computing systems, as well as to undertake research in this area.

The programme is assessed based on a combination of assigned coursework, written examination, and a dissertation. The programme is composed of a number of modules that are taken by all students. These modules include:

- Networked applications: covers applications of the Internet and Intranets ranging from email and the Web to electronic commerce; collaboration and community services; distributed artificial intelligence; and information retrieval.
- Data communications and networks: introduces the fundamentals of computer networks and networking technology.
- Distributed systems: covers the most important paradigms for building distributed applications including client-server computing, distributed

object technology, and component models.

- Software engineering for concurrent and distributed systems: covers object-oriented analysis and design techniques and their application to concurrent and distributed systems.
- Security and management of networks and distributed systems: introduces the fundamentals of computer and network security and investigates different approaches to network management and the management of advanced information services.

This course is open to graduates who have achieved the equivalent of at least an upper second-class honors degree, or better, in computing, information technology, or a related discipline. Well-qualified candidates from disciplines such as engineering, mathematics, statistics, or physics who have sufficient knowledge of computing (including the ability to program) may also be accepted.

It is expected that this course would be co-funded under the National Development Plan 2006 (Graduate Skills Conversion Programme) for EU fee paying students. In 2005/2006 the fee for EU fee paying students was €1,400.

HEALTH INFORMATICS (M.Sc./P.Grad.Dip.)

COURSE CODES 617/616

Entry via Diploma. For full details see the P.Grad.Dip. section below.

I.T. IN EDUCATION (M.Sc./P.Grad.Dip.)

COURSE CODE 641/674

(Jointly with Faculty of Social and Human Sciences)

Course Director: Mr Timothy Savage

Duration: Two years, part-time

Closing Date: 30 April 2006. Late applications may be considered if places remain available after the closing date. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3625

Email: mscidedu-info@cs.tcd.ie

Internet: www.cs.tcd.ie/courses/mscidedu/

As I.T. moves centre stage in the educational world, it is imperative that people involved in education and learning have a good understanding of how the technology can be best deployed to improve the learning experience. It is also imperative that computer scientists provide technology, which has genuine pedagogical advantages,



and not just technology for technology's sake. The course is jointly run by Social and Human Sciences and its aim is to produce graduates who will be able to play a leadership role in the use of I.T. for training and in all levels (1st, 2nd and 3rd) of the education system. On the educational side graduates of the course will have an understanding of the enhancement to the pedagogical process that I.T. might facilitate. Graduates will

have a familiarity with, and confidence in using, appropriate teaching strategies; a knowledge of systems and approaches developed in other countries; a knowledge of social and psychological issues relating to I.T. in education; an ability to utilise I.T. in the teaching and learning process and confidence in introducing I.T. to other colleagues. On the technical side graduates of the course should have a good knowledge of the principles

of computer operation and computer networks, the use of the Internet as an information storage and retrieval facility and multi-media authoring. Graduates of the programme will have carried out a substantial piece of research which might typically involve the development of I.T. based tools or teaching materials, and their operation and evaluation in a learning environment.



Admission is normally restricted to applicants who have achieved an upper second-class honors degree (or better) in a primary degree. Equivalent qualifications or experience are taken into account. Preference will be given to applicants who have at least three years in teaching, training or instructional technology development. A qualification in Computer Science is not required but applicants are expected to be computer literate. Applicants meeting the necessary requirements will normally be interviewed.

The course is run on a part-time basis. In the first year there are formal classes on Friday afternoons and Saturday mornings. The second year is devoted to the completion of a research dissertation.

It is expected that this course would be co-funded under the National Development Plan 2006 (Graduate Skills Conversion Programme) for EU fee paying students. In 2005/2006 the fee for EU fee paying students was €1,400.

INTEGRATED SYSTEMS DESIGN (M.Sc./P.Grad.Dip.)

COURSE CODE 657

Course Co-ordinator: Dr Anil Kokaram

Duration: Two years, part-time

Closing Date: To be confirmed - for details please contact the course co-ordinator directly.

Telephone: +353-1-608 2508

Email: nmoore@tcd.ie

Internet: www.mee.tcd.ie/~isd

This course is targeted at employees of I.T. companies principally involved with systems design at the chip and general-purpose hardware and software level. The main aim of the course is to educate students in the foundations that drive the development of tools and solutions for the future of integrated systems design. Furthermore it develops the knowledge and understanding needed to approach the design of modern integrated systems. The goal is to produce engineers who can see the broader picture of the system purpose and deploy algorithmic

developments at the design level appropriate to the target system.

Course contact hours will occupy approximately one day in each of 30 weeks in the academic calendar (beginning during October), split into three sets of 10 week terms. There are three subject areas in the first year: digital communications; digital signal and image processing; integrated circuit design. All subjects are compulsory. The second year consists of a taught portion and a substantial individual research project for which the student submits a dissertation (18,000-25,000 words) at the end of the year. The taught portion covers advanced topics in communications; digital video; integrated circuit design.

Applications will be considered from those who:

- Hold a good honors degree (at least upper second-class level) in a professional (computing/engineering) discipline, or
- Hold an equivalent qualification with relevant professional experience.

Applicants meeting the necessary requirements may be interviewed. The course will only run provided there are a sufficient number of suitable applicants.

It is expected that this course would be co-funded under the National Development

Plan 2006 (Graduate Skills Conversion Programme) for EU fee paying students. In 2005/2006 the fee for EU fee paying students was €1,400.

MANAGEMENT OF INFORMATION SYSTEMS (M.Sc./P.Grad.Dip.)

COURSE CODES 700/701

Course Co-ordinator: Dr James Anthony Redmond

Duration: Two years, part-time

Closing date: 31 July 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1785

Email: tony.redmond@tcd.ie

Internet: www.cs.tcd.ie/courses/smscmis

This course aims to provide students with the knowledge and skills to undertake senior professional managerial roles within the I.T. sector. It brings together the latest research coupled with best internationally accepted management practice and relates these to the needs of today's organisation.

The course consists of a taught component and a substantial research project resulting in a dissertation of 20,000 words. The taught component covers the following areas: strategic systems planning for information systems; social impact of information systems; managing the I.T. supplier environment; managing the I.T. customer environment, innovation and entrepreneurship in IS/IT and research methods.

Applicants for this course must normally hold a good honors degree (at least upper second-class level) in computer science, information systems, information technology, business and information technology, computer engineering or a cognate discipline. Relevant professional experience is also desirable. Applicants meeting the necessary requirements may be interviewed.

MECHANICAL ENGINEERING (M.Sc.)

ERASMUS MUNDUS

COURSE CODES 733

Postgraduate Co-ordinator: Prof. Henry Rice to whom all enquiries should be directed.

Telephone: +353-1-608 1996

Fax: +353-1-679 5554

Internet: www.mecheng.tcd.ie

This course is sponsored by the Erasmus Mundus programme of the EU. The candidate must spend each year in a different institute and Trinity College Dublin, if chosen, must be attended in the first year (see www.emmme.com). All options are available. It is intended for holders of suitable Engineering or Scientific qualifications who wish to acquire Engineering degrees recognised in two member states of the European Union. It is tailored primarily for students from outside the EU, who may apply for scholarships to cover their fees and living expenses.





Students from within the EU may also enrol, but are not eligible for scholarships. To comply with EU rules, students holding Irish third level qualifications should not enrol for the options described here, but for the options run entirely by the other partners.

The course is spread over two calendar years from the beginning of October, and requires full-time study. The first year is spent in Trinity College, and the second in one of the partner institutions: the INSA de Lyon and the Escola Tècnica Superior d'Enginyeria Industrial de Barcelona (E.T.S.E.I.B.). To qualify for the award of the degree, students must pass the appropriate course modules offered by

the partner institutions. The language of instruction for these courses is the language of the country.

In Trinity College, in the first year, the following courses are taken by all students: Management for Engineers, Mechanics of Solids and Materials, Thermodynamics and Heat Transfer, Manufacturing Technology and Systems, Control, Vibration and Acoustics. Students then take one subject from the following three options: Fluid Mechanics, Biomechanics, Tribology. Students must also submit an original dissertation of around 30,000 words.

If applicants choose the E.T.S.E.I.B., they will take the following compulsory modules: Diseño de máquinas II,

Tecnologías de fabricación II, Fabricación asistida por ordenador, Tecnología energética, Simulación de sistemas mecánicos I, Proyectos. Students will also take one further module from the following group of options: Fabricación flexible, Ensayo de máquinas, Ingeniería de producto y sistemas técnicos II.

If applicants choose the I.N.S.A., they will take the following compulsory modules: Heat Engines and Practical Works THERTP51; CAM and Practical Works PRODTP51; Advanced Automatic Control and Practical Works AUTOTP41; Project, Statistics, Discrete Events System and Practical Works AUTOTP41; Practical Works Vibrations of Continuous Structure; Industrial Acoustics; Finite Element Method; and Structural Analysis. Students will also take one further module from the following group of options: Noise of Mechanical Systems; Numerical Modelling of Mechanical Systems; and Automation Engineering.

Applications, including applications for scholarships, are made in the first instance to the co-ordinating partner by 28th February 2006:

INSA LYON, Direction de la Scolarité, 20 rue Albert Einstein, 69621 Villeurbanne Cedex (France)

Late applications for places (but not scholarships) may be considered subject to availability.

MULTIMEDIA SYSTEMS (M.Sc.)

COURSE CODE 263

Course Director: Prof. Marie Redmond

Duration: One year, full-time

Closing Date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2704

Email: marie.redmond@tcd.ie

Internet: www.cs.tcd.ie/courses/mscmm

This M.Sc. course provides a foundation in all the technologies and media relevant to the digital media sector. It runs full-time over a twelve-month period. Formal

teaching is divided into two twelve-week semesters. Between six and eight lecture courses are given each semester.

Each student selects and commences a research project, which must be submitted in the form of a dissertation of 12,000 words by the end of April. They will also complete a final project, which can be a collaborative development with a number of students from the class and will be exhibited in a public area in late September. There is significant emphasis on theory rather than on media and software applications. A special laboratory is available to the students of this M.Sc. programme in order to become familiar with multimedia applications.



The courses include introduction to computers; interactive authoring; technology and culture; Java programming; wearable computers; aesthetic design; video capture and editing; MIDI technologies; HTML/XML workshop; interactive design; interactive narrative; information architecture; image processing; client and server technologies; legal issues in digital publishing; and project management.

This course is especially appropriate to graduates either with a primary degree in Humanities or in Computer Science, as both disciplines are important to the digital media sector. Applications will be accepted from good honors graduates in any discipline or from mature students with relevant industry experience.

It is expected that this course would be co-funded under the National Development Plan 2006 (Graduate Skills Conversion Programme) for EU fee paying students. In 2005/2006 the fee for EU fee paying students was €1,400.

M.PHIL. COURSES
MUSIC AND MEDIA TECHNOLOGIES
(P.Grad.Dip./M.Phil.)
COURSE CODES 260/257

For more information, see P.Grad.Dip. entry in Faculty of Arts and Humanities above.

POSTGRADUATE DIPLOMAS

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such PGrad.Dip. courses are not listed below as they are not open to entry as separate options from their parent Masters course i.e. students apply for entry to the appropriate Masters course.

Some diploma courses may not be offered if, for example, the number of applicants is insufficient or adequate resources are not available.

APPLIED BUILDING REPAIR CONSERVATION (P.Grad.Dip.)

COURSE CODE 706

Course Director: Dr Sara Pavía

Duration: One year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 2516/1457

Email: pavias@tcd.ie

This is a one-year postgraduate course designed to provide civil engineers and other suitably qualified professionals with a good understanding of materials and built fabrics, both modern and traditional; the causes and mechanisms of weathering and



corrosion; and the traditional as well as the most advanced ways to repair and preserve them.

The Diploma will comprise lectures and a research project as well as site visits and laboratories. These will take place on Friday evenings and Saturday mornings throughout the three teaching terms (October to May). Two three-hour examination papers will be held in May/June. All three components, course work, project and examination must be passed.

COMPUTER SCIENCE (MOBILE AND UBIQUITOUS COMPUTING) (M.Sc./ P.Grad.Dip.)

COURSE CODE 702/703

Course Director: Prof. Vinny Cahill

Duration: One year, full time.

Closing Date: 30 April 2006. Applications

must be addressed to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3094

Email: mscubicom-infol@cs.tcd.ie

Internet: www.cs.tcd.ie/courses/mscubicom

In the ubiquitous computing vision, interconnected computers are embedded unobtrusively in everyday appliances and environments and co-operate to provide information and services on behalf of their human users. This emerging field is likely to drive the deployment of the next generation of Information Technology and has been an active research area at Trinity College Dublin in recent years. The Mobile and Ubiquitous Computing programme provides a comprehensive grounding in advanced distributed systems engineering together with an in-depth understanding of the technologies and development strategies used in building wireless and ubiquitous computing systems.

This programme is open to graduates who have achieved the equivalent of at least an upper second-class honors degree, or better, in computing, information technology, or a related discipline, humanities or a creative discipline such as fine art, design, literature, film or drama. Consideration will also be given to mature students with relevant industrial experience.

Mobile and ubiquitous computing technologies allow interconnected computers to be embedded unobtrusively in everyday appliances and environments and to co-operate to provide information and services on behalf of their human users. This emerging field is likely to drive the deployment of the next generation of Information Technology and has been an active research area at Trinity College Dublin in recent years. The Mobile and Ubiquitous Computing programme provides a comprehensive grounding in advanced distributed systems engineering together with an in-depth understanding of the technologies and development strategies used in building mobile and ubiquitous computing systems. Specific topics to be covered usually include:

- Data communications and wireless networking technologies

- Middleware
- Software engineering and applications development
- Real-time and embedded systems
- Sensors and vision
- Context awareness and machine learning
- Information architecture
- Product and environmental design
- Image processing and synthesis

Direct admission to the M.Sc. programme is normally restricted to graduates who have achieved an upper second class honors degree, or better, in computing, information technology, or a related discipline. Well-qualified candidates from other disciplines who have sufficient knowledge of computing (including the



ability to program) may also be accepted. Admission to the PGrad.Dip. programme is open to well-qualified candidates from any discipline. Candidates from creative backgrounds such as fine art, design, architecture, or film studies are particularly encouraged to apply and no background in computing is necessary. Students who achieve the specified standard in the PGrad.Dip. assessment will have the option of proceeding to the M.Sc. programme without receiving a diploma.

CONSTRUCTION LAW AND CONTRACT ADMINISTRATION (P.Grad.Dip.)

COURSE CODE 614

Course Director: Mr Brian Bromwich

Duration: One year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 1302

Email: bromwicb@tcd.ie

Internet: www.tcd.ie/Civil_engineering/courses/diploma/construction.htm

This is a one-year postgraduate course to enable graduate engineers and other suitably qualified professionals (such as architects and quantity surveyors), to obtain knowledge of construction law



equivalent to that required by a competent arbitrator, adjudicator or administrator.

The course has been approved by the Institution of Engineers of Ireland as meeting the requirements for continuing professional development and for admission to the IEI List of Conciliators (Conciliation Procedure 2000). Following the inclusion of an additional module on the Law of Evidence, the course has been approved to Part II status to give membership of the Chartered Institute of Arbitrators in London.

The topics covered include an introduction to the Irish legal system; the Irish litigation process; relations of law and construction; EU law and private international law; statutory duties and construction projects;

and methods of dispute resolution. Lectures are normally held on Friday evening and Saturday morning each week throughout the three teaching terms.

ENVIRONMENTAL ENGINEERING (P.Grad.Dip.)

COURSE CODE 201

Course Director: Mr Paul Johnston

Duration: One year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 1372/1457

Email: pjhnston@tcd.ie

Internet: www.tcd.ie/Civil_engineering/courses/diploma/environmental.htm

This is a one-year postgraduate course designed to provide civil engineers and other suitably qualified professionals with a sound knowledge of present day theories and practices in environmental engineering. The course has been developed to have special relevance to the work of the Local Authority and State Sector engineers.

Amongst the topics covered are: air quality; noise; water and wastewater treatment; solid and toxic waste; water quality monitoring and control; development of contaminated land;

radiation in the environment; and environmental control for water-borne diseases. Environmental impact assessments/studies and legal aspects are also included. Lectures are normally held on Friday evening and Saturday morning each week throughout the three teaching terms.

FIRE SAFETY PRACTICE (BUILDINGS AND OTHER STRUCTURES) (P.Grad.Dip.)

COURSE CODE 637

Course Director: Dr Trevor Orr

Duration: One year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 1204

Email: torr@tcd.ie

Internet: www.tcd.ie/Civil_engineering/courses/diplom/fire.htm

This is a one-year postgraduate diploma course designed to enable engineers, architects, fire safety officers and other suitably qualified professionals to obtain a thorough knowledge and understanding of fire in buildings, the safety requirements in the design of buildings and the various options available for minimising the risk of fire in buildings.

Among the topics covered are: the fundamentals of fire science; fire engineering; structural design code requirements; fire control systems; legal and insurance aspects; the legislative environment; fire safety management; and the preparation of fire safety certificates. Lectures are normally held on Friday evening and Saturday morning each week throughout the three teaching terms.

HEALTH AND SAFETY IN CONSTRUCTION (P.Grad.Dip.)

COURSE CODE 705

Course Director: Mr Brian Bromwich

Duration: One year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 1302/1457

Email: bromwich@tcd.ie

Internet: www.tcd.ie/Civil_Engineering/courses/diploma

This is a one-year postgraduate course designed to provide civil engineers and other construction professionals with the knowledge necessary to perform the roles of Project Supervisor and Site Safety Representative and carry out Health and Safety Training in accordance with current legislation.

Course modules include: health and safety legislation; construction regulations; FÁS Safe Pass health and safety training; health and safety management; risk assessment; COSHH regulations; first aid; disease and injury; environmental impact assessment. Lectures are held on Friday evenings and Saturday mornings each week throughout the three teaching terms (October to May).

HEALTH INFORMATICS (P.Grad.Dip./M.Sc.)

COURSE CODES 617/616 (with Faculty of Health Sciences)

Course Co-ordinator: Ms Gaye Stephens

Duration: P.Grad.Dip.: one year, part-time; M.Sc.: one additional year

Closing Date: 30 June 2006. Applications must be addressed to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Internet: www.cs.tcd.ie/chi

Health Sciences and Engineering and Systems Sciences offer a joint programme in Health Informatics. Health Informatics is broadly concerned with the application of Information Technology in the health sector. It is a truly interdisciplinary field in which medicine, computer science, management science, statistics and engineering are all represented.



The main aim of the programme is to give students a broad understanding of both the principles underlying the field of health informatics and of its practical applications. The course is intended for suitably qualified applicants currently working or aspiring to work in a position in the health sector which requires the efficient and cost effective application of information technology.

The Postgraduate Diploma will be run over one academic year (October – June) on a part-time basis, on Friday afternoons and Saturday mornings to facilitate those in full-time employment. The M.Sc. extends for one further year.

The Diploma incorporates both taught and practical components with a strong emphasis on practical team-based continuous assessment. M.Sc. students receive instruction in research methodology and undertake an independent research project.

Students take a total of six modules covering the following topics: introduction to health informatics; introduction to computing (for those from a health science background); introduction to health sciences (for those from a computing background); health information systems; telemedicine; knowledge-based and decision support systems; medical imaging; multimedia systems; and statistics.

Not all modules will be offered each year; insofar as it is feasible, the range available will be adapted each year to suit the interests and skills of the particular cohort of students.

Applications may be accepted from those who hold a good honors degree in a professional health sciences or computer engineering discipline, or hold an equivalent qualification with relevant professional experience, or hold other appropriate qualifications with at least three years relevant professional experience, or otherwise satisfy the course admission committee. Applicants meeting these requirements will be interviewed.



It is expected that this course would be co-funded under the National Development Plan 2006 (Graduate Skills Conversion Programme) for EU fee paying students. In 2005/2006 the fee for EU fee paying students was €1,400.

HIGHWAY AND GEOTECHNICAL ENGINEERING (P.Grad.Dip.)
COURSE CODE 186

Course Director: Dr Eric Farrell

Duration: One-year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 1146

Email: efarrell@tcd.ie

Internet: www.tcd.ie/Civil_engineering/courses/diploma/highway.htm

This is a one-year postgraduate course to enable graduate engineers to obtain a sound knowledge of important aspects of highway and geotechnical engineering. In particular, the course is suitable for engineers involved in the provision, maintenance and operation of highways, but it is open to all those holding a degree or equivalent in civil engineering or any other relevant branch of engineering.

The topics covered include: economic aspects of highway planning and programming; structural and geometric design; earthworks; laboratory testing; bearing capacity; embankments on soft soils; ground improvement methods; maintenance and rehabilitation; traffic management; and construction management with particular reference to cost control and quality assurance. Lectures are normally held on Friday evening and Saturday morning each week throughout the three teaching terms.

PHYSICAL PLANNING (P.Grad.Dip.)
COURSE CODE 210

Course Director: Dr Trevor Orr

Duration: One year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 1204

Email: torr@tcd.ie

Internet: www.tcd.ie/Civil_engineering/courses/diploma/physical.htm

This is a one-year postgraduate course designed to provide graduate engineers and other suitably qualified graduates with a sound basic knowledge and awareness of the role of all professional bodies involved in planning the physical infrastructure. In particular this course is suitable for civil engineers in local authorities, planning offices and consultancies, but is open to all those holding other relevant qualifications.

The topics covered include: planning theory and practice; legal aspects and planning legislation; rural and urban planning; economic planning; transportation and land use planning; environmental aspects including environmental impact assessments and studies; geographical information systems; sociology and psychology in planning. Lectures are normally held on Friday evening and Saturday morning each week throughout the three teaching terms.

PROJECT MANAGEMENT (P.Grad.Dip.)
COURSE CODE 136

Course Director: Dr Trevor Orr

Duration: One year, part-time

Closing Date: 31 July 2006* Applications must be addressed to Ms Debbie Walsh, Engineering Studies, O'Reilly Institute, Trinity College, Dublin 2.

Telephone: +353-1-608 1204

Email: torr@tcd.ie

Internet: www.tcd.ie/Civil_engineering/courses/diploma/project.htm

This is a one-year postgraduate course designed to provide graduate engineers and other suitably qualified graduates with a sound knowledge and understanding of all aspects of project management in civil engineering and construction.

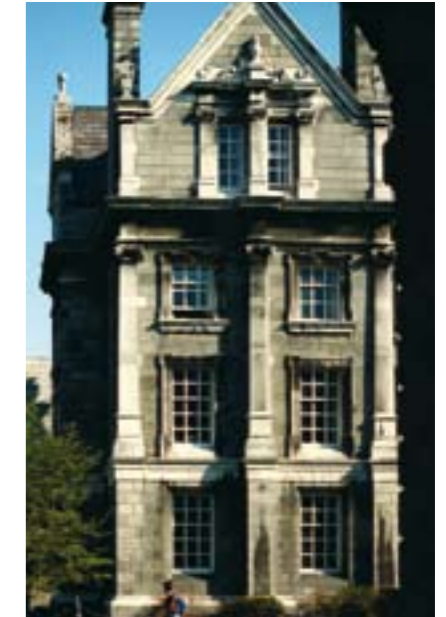
The topics covered include: project planning and control; legal aspects; contracts and tendering procedures; the computer in project control; project accounting and cost control; industrial relations; human resources management and motivation; health and safety; insurance and claims. Lectures are normally held on Friday evening and Saturday morning each week throughout the three teaching terms.

QUALITY IMPROVEMENT (P.Grad.Dip.)
COURSE CODE 277

Course Co-ordinator: Mr Eamonn Mullins

Duration: One year, part-time

Closing Date: 31 July 2006* Applications



must be addressed to Mr Eamonn Mullins, Department of Statistics, Trinity College, Dublin 2.

Telephone: +353-1-608 1768

Email: Diploma.QI@tcd.ie

Internet: www.tcd.ie/Statistics/courses/diploma/qualintro.shtml

This is a part-time course leading to the Postgraduate Diploma in Quality Improvement. The principal focus of the course is on the development of analytical skills for problem solving and quality improvement in an industrial environment. The statistical ideas and methods which

provide the foundation for the analytical skills are developed in the management context in which the problems arise. The quality management systems that support modern industrial management are formally developed both at a theoretical and a practical level.

The course is intended for graduates working in industry who want to develop and deepen their knowledge of statistical methods for product and process improvement, while receiving an introduction to modern quality management systems. While some participants from service industries have taken the course, the focus is very much on manufacturing. Applications will be considered from degree level graduates, preferably with industrial experience. While the mathematical level is kept to a minimum, some background in mathematics is essential.

The intention is to provide participants with a practical grasp of quality improvement methods based on a sound knowledge of the underlying ideas and concepts. Graduates of the course should be well placed to adapt the ideas and methods to which they have been introduced for use in their own work. To this end, all the material is presented in the context of practical examples from a wide range of industries. In particular, the emphasis within the statistical material

is on statistical thinking rather than mathematical techniques.

The statistical content is presented in two courses: Statistical Process Improvement and Industrial Experimentation, with lectures, seminars and supporting computer laboratory exercises. Quality management is presented through courses of lectures from two leading practitioners, supplemented by a series of case studies mainly given by graduates of the course who have moved into senior management positions.

Lectures are given for two hours on each of two evenings per week during lecture term for one year. Software laboratories and tutorials are conducted on Saturday mornings. Students are required to prepare a report on a practical project during the summer months, ideally, projects will be related to students' normal work.

SPECIALISED TECHNOLOGY (P.Grad.Dip.)

From time to time as opportunity arises, specialised courses in specific technological subjects will be made available. In certain instances such courses may lead to the award of a Postgraduate Diploma to participants who hold an engineering degree or equivalent qualifications.

STATISTICS (P.Grad.Dip.)

COURSE CODE 129

Course Co-ordinator: Dr Myra O'Regan

Duration: One/two years, part-time

Closing Date: 31 July 2006* Applications must be addressed to Dr Myra O'Regan, Department of Statistics, Trinity College, Dublin 2.

Telephone: +353-1-608 1768

Email: Diploma.Stats@tcd.ie

Internet: www.tcd.ie/Statistics/diploma

This is a part-time modular course leading to the Postgraduate Diploma in Statistics. The course provides a broad introduction to the statistical ideas and methods relevant to data gathering and analysis in a wide variety of research areas as well as business and administration. The intention is to provide participants with a practical grasp of statistics based on a sound knowledge of the underlying ideas and concepts. Graduates of the course should be well placed to apply the ideas and methods to which they have been introduced in their own work. To this end, all the material is presented in the context of practical examples from a wide range of applications.

The course covers most of the usual topics included in any of the standard elementary texts. In dealing with these, however, more emphasis than is usual in such textbooks is placed on the idea of an underlying statistical model. It is hoped that this emphasis will develop insight into the essential unity of the methods and avoid the all-too-common impression of there being a cookbook full of different statistical recipes for every possible occasion.

The closing date is 31 July. However, as the course fills up quickly, it is advisable to apply early in the year. Applications may be made at any time throughout the year.

CONTINUING EDUCATION PROGRAMME IN STATISTICS

The Department has established a Continuing Education Programme the purpose of which is to make available to graduates and others a range of courses oriented towards problem solving and decision making involving the methods of Statistics and Management Sciences. The Postgraduate Diploma in Statistics and the Postgraduate Diploma in Quality Improvement form part of this programme. In addition, the department offers a range of short courses. Courses currently on offer include industrially oriented courses on Statistical Quality Control and Experimental Design, Modelling for Business Decisions and a range of courses on various aspects of Medical Statistics.



NOTE

**The closing date for applications for the courses in this section is 31 July of the proposed year of entry. In most cases applications are considered as they are received, therefore early application is recommended. Late applications may be considered if places remain available after the closing date.*



FACULTY OF
HEALTH SCIENCES

School of Dental Science

Head of School: Noel Claffey

Director of Teaching and Learning (Postgraduate): Professor June Nunn

Telephone: +353-1-612 7303/7337

Fax: +353-1-612 7298

Email: info@dental.tcd.ie

Internet: www.tcd.ie/dental_school

The School of Dental Science comprises some 28 full-time, 60 part-time, academic staff, 11 research students and 18 students following taught courses. Dental Science is based in, and closely linked with, the Dublin Dental Hospital. The Hospital completed a programme of extensive refurbishment and expansion in 1998 with the addition of a state-of-the-art research laboratory in 2004.

It is currently expanding its research, postgraduate and office facilities. It has modern clinical facilities and a wide-ranging programme of dental education at postgraduate level, as well as an innovative programme of continuing education for dental practitioners. There are specialist training programmes in Oral Surgery, Orthodontics, Periodontics, Prosthodontics and Paediatric Dentistry, supported

by consultant training programmes in many areas of dentistry, and research degrees at Masters and Ph.D. level. As part of the team approach, there are training programmes for dental hygienists, dental nurses and dental technicians, a Postgraduate Diploma course in Clinical Dentistry aimed at general dental practitioners as well as hands-on courses for dentists in the public service.

There is an active research output in all divisions: Oral Surgery, Oral Medicine and Oral Pathology; Public and Child Dental Health; Restorative Dentistry and Periodontology. In recent years, focus has been increasingly on infections associated with HIV and AIDS patients, on fungal diseases, salivary disorders, oral cancer and biofilms – sources of infection in dental water lines, and dental implants.



Recently, the staff have developed a collaborative interest in the Trinity Centre for Bioengineering (T.C.B.E.). The staff have also initiated a very strong educational development and research base in collaboration with dental schools in European countries and the USA. Recent senior appointments in Restorative Dentistry, Oral and Maxillo-Facial Surgery and Special Care Dentistry are expected to increase research output and training in these areas.

School of Medicine

Head of School: To be advised

Telephone: +353-1-608 1476

Fax: +353-1-671 3956

Internet: www.tcd.ie/Health_Sciences/medicine/medicineindex.php

The School of Medicine is responsible for the education and training of individuals who will play a major role in health care, including doctors, occupational therapists, physiotherapists and radiation therapists. The School of Medicine is one of four schools in the Faculty of Health Sciences (School of Dental Sciences, School of Pharmacy and School of Nursing and Midwifery). There are opportunities for study at postgraduate level in each School in the Faculty and through the Research and Postgraduate School within Health Sciences.

For the student who wishes to embark on a career in health care, the School of Medicine offers an environment which fosters a team approach to the delivery of health care in hospital and in the community. The School of Medicine provides a stimulating and exciting environment which allows for close day-to-day contact between the different branches of the Health Sciences, while maintaining links with the other faculties in

Trinity College. The School of Medicine formerly known as the School of Physics, the flagship of the Faculty was founded in 1711 and has played a central role in the golden age of Irish medicine. It maintains its international leadership today in biomedical research and postgraduate education and was the first Faculty of Health Sciences in these islands. The concept of a Faculty of Health Sciences is now being followed by other Irish Universities. This interdisciplinary approach offers the potential to educate and train the full range of health care personnel in an integrated Faculty.

The Haughton Institute for Postgraduate Education and Training in the Health Sciences was launched in 1998, in order to support postgraduate education and research between the Faculty of Health Sciences and its teaching hospitals. This is an independent corporate body wholly owned by its three members - Trinity College, St. James's Hospital and the

Adelaide and Meath Hospital Dublin incorporating the National Children's Hospital at Tallaght. The institute works closely with the Health Sciences Research and Postgraduate School. The Health Sciences School of Research and Postgraduate Studies supports and coordinates research and graduate activity in the Faculty of Health Sciences including research centres, postgraduate taught programmes at postgraduate diploma and M.Sc. level, higher degrees by research and centres for interdisciplinary programmes.

The Graduate School continues to expand the number and range of its graduate courses. The School of Medicine is actively expanding its research activity at St. James's and Tallaght, including the establishment of the Institute for Molecular Medicine to include the John Durkan Institute for Leukaemia Research, the Dublin Molecular Medicine Centre, and the Institute of Cardiovascular Science. Its objectives include harnessing the resources available to its members to facilitate the creation of vibrant and international activity in areas such as Postgraduate Education and Training, Management and Funding of Research and Service Development and Consultancy.

Any surplus income from these activities will endow work consistent with the Institute's objectives in the College and Teaching Hospitals. The Institute will enable its members to be more effective in achieving excellence and provides the services necessary to facilitate, support and encourage staff in College and the Teaching Hospitals to achieve the objectives they share. These include:

EDUCATION AND TRAINING

A major component of the Institute's activity involves facilitating the introduction and running of education and training programmes. These include formally validated M.Sc. Degrees and Diplomas provided through Trinity College, but which frequently make extensive use of hospital staff and facilities. The Institute offers a wide range of short courses and skills training programmes in the areas in which the College and Hospitals have achieved excellence. In some cases such programmes will be custom-designed for particular clients.

MANAGEMENT AND FUNDING OF RESEARCH

The services involved under this heading are focused on hospital staff involved in research contracts and on related activities. The Institute offers a service in the management of research funds that is complementary to the research policies adopted by the Hospitals and College. It

has cultivated the skills involved in the management of research contracts with both Commercial Agencies and various International/National Bodies, such as the EU. This leaves a high level of user-friendly services in the administration and support of research contracts available to staff and the agencies with which they work. The Institute may act as a contract holder, and where appropriate, as an employer of staff. In addition the Institute hopes to take a more proactive role in seeking research contracts in association with staff members and providing a framework for establishing and strengthening key research groups, possibly through its system of endowments. The services in the area of research support are offered on the basis of a negotiated fee, which is competitive and realistic.

SERVICE DEVELOPMENT AND CONSULTANCY

The Institute is a catalyst for the development of Common Services needed by its members with a view to promoting and improving the quality of activities in education, research and consultancy. The common services required span the arrangements for pastoral care of students/trainees; marketing/promotional activities; and assistance/support for the provision of the necessary office, teaching, conference, dining and residential facilities. The Institute will help source the consultancy and service development requirement of clients. It may act as contract holder on behalf of

individuals or group consortia in service development projects.

TEACHING FACILITIES

Education for students in Health Sciences takes place on the College Campus and in the associated teaching hospitals and institutions. There is a Trinity Centre for Health Sciences on site at the two main teaching hospitals - St James's Hospital and the Adelaide and Meath Hospital Dublin, incorporating the National Children's Hospital (AMNCH) at Tallaght. A number of academic departments are located on each site, and there are libraries, lecture theatres, seminar rooms, research laboratories and computer facilities available on all three sites.

SCHOOL ADMINISTRATION (Old Stone Building, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8)

Research and Postgraduate School Administrator, Ms Dara O'Mahony
Telephone: +353-1-608 3557
Email: omahoned@tcd.ie

Support Research and Postgraduate School Administrator, Mr Derek May
Telephone: +353-1-608 3556
Email: derek.may@tcd.ie

School of Medicine Administrator
Ms Fedelma McNamara
Telephone: +353-1-608 1636
Email: fmcnamar@tcd.ie

School of Nursing and Midwifery

Head of School: Professor Cecily Begley

Director of Teaching and Learning (Postgraduate): Mr Gerard Tobin

Telephone: +353-1-608 2692

Fax: +353-1-608 3001

Email: nursinginfo@tcd.ie *Internet:* www.nursing-midwifery.tcd.ie

The School of Nursing and Midwifery was established in 1996 at a time of great change in nursing education in Ireland. Subsequently a rapid expansion followed to a point where postgraduate programmes are offered in almost all branches of nursing and midwifery. The area has a definite research profile and has formed many national and international links.

There are taught M.Sc. programmes in nursing and in midwifery and a M.Sc. course in Gerontological Nursing, as well as Postgraduate Diplomas in Gerontological Nursing, Professional Nursing and Midwifery Studies. Postgraduate Diploma programmes are also offered, in partnership with various hospitals, in the following disciplines: midwifery, paediatric nursing, oncology nursing and specialist nursing. Clinical skills laboratories are accommodated in the Trinity College campus at St. James's Hospital and Tallaght Hospital.

The School has a growing record of attracting research funding in various health care areas. Research interest groups in conjunction with international experts are working in the areas of cardiovascular, oncology-palliative care, child health care, midwifery-led care, generic and intellectual disability, autism, health care management, mental illness and adult education issues. There are opportunities for full-time research posts.

In addition to the research interest groups, the research interests of the staff include the physiology of childbirth, cardiac rehabilitation, midwifery student education, self-esteem and assertiveness in nursing and midwifery students, clinicians' experiences of breaking bad news, palliative care, leadership effectiveness in nursing, quality in education, sociology of development, sociology of health, sociology of medical knowledge and medical technologies, gender and health (especially men's health), gender and reproductive

healthcare, curriculum evaluation, assessment strategies for clinical competence, quality indicators in education, the effect of cold on brown adipose tissue metabolism, fitness testing for athletes, spirituality in nursing care, relationships between student and research supervisor at Masters level, the long-term psychosocial effects of a diagnosis of cancer on the child and family, and the sociology of mental illness and mental health in Ireland.

In partnership with Queen's University Belfast, the staff assist the School of Nursing in Jordan University of Science and Technology to develop two existing M.Sc. programmes and to institute a third. This work is funded by an EU TEMPUS grant. The staff are also working with universities in five countries including Charles and Pardubice Universities in the Czech Republic, Turku and Stadia Polytechnics in Finland; Murcia University in Spain, and Dundee and Paisley Universities in Scotland on a study investigating the development of ethical reasoning in student nurses as a care skill. The School has also been granted support by the Leonardo Da Vinci Programme for an exchange project aiming at exploring educational issues relating to the training of professionals to care for people with intellectual disability with Akershus University College in Norway.

School of Pharmacy and Pharmaceutical Sciences

Head of School: Mrs Ingrid Hook

Director of Teaching and Learning (Postgraduate): Dr John Clancy

Telephone: +353-1-608 2809

Fax: +353-1-608 2810

Email: pharmtec@tcd.ie

Internet: www.tcd.ie/pharmacy

The School of Pharmacy and Pharmaceutical Sciences was the first centre for pharmaceutical education in Ireland. It was established in 1977 and moved onto the main campus in 1997. The School consists of Pharmaceutics and Pharmaceutical Technology, Pharmaceutical Chemistry, Pharmacognosy, Pharmacology and Practice of Pharmacy. Outside the University, the School has research links with University College Dublin, University of Limerick, Queen's University Belfast, University of London UK, University of Bath UK, University of Saarland Germany, University of Regensburg, Germany, the University of Siena, Italy and the University of Michigan, USA as well as other University Departments in Canada, the USA and Brazil. The School also has research links with Arborea in Ireland, UK and Europe. Research in the School is funded by

Enterprise Ireland, the Health Research Board, BioResearch Ireland, the Royal Irish Academy, the Wellcome Trust, the pharmaceutical industry and internationally from the EU. Applications for postgraduate studies (M.Sc. or Ph.D. by research) are particularly welcome.

Pharmaceutics and Pharmaceutical Technology

In addition to a large undergraduate teaching laboratory and model pharmacy dispensary, the division has a purpose built unit operations facility for pharmaceutical technology and an aseptic suite for sterile product production, TPN and cytotoxic drug preparation. There are specific research laboratories for formulation science, biopharmaceutics, cell culture, thermal analysis and micromeritics. The division provides courses on formulation science,

dosage form design, pharmaceutical technology, pharmaceutical microbiology and biopharmaceutics. Research is directed primarily at the design of drug delivery systems in order to improve the transport of drugs to target sites in the body, with the consequent enhancement in therapeutic effectiveness and reduction in side effects. This necessitates both basic and applied research. The division's research interests may be summarised as follows:

- Prediction of drug release from solid dosage forms for human and veterinary use
- Mechanisms of drug transport across biological membranes including the gastrointestinal tract; biological barriers to peptide absorption
- Transdermal drug delivery mechanisms of drug transport; local and systemic delivery
- Technological aspects of drug delivery system design/sustained release technology based on microencapsulation, tablet, implant, transdermal systems and bioadhesive products; aerosol systems and characterisation
- Biopharmaceutics.

The division has ongoing collaborative research in a number of the above areas within Pharmacy and with Science and Health Sciences. It has extensive contacts with the pharmaceutical industry with which it also undertakes collaborative projects and this represents a source of considerable funding for research. Some of these contacts are with Materials Ireland (MI) through the polymer research unit in College and also BRI through the National Pharmaceutical Biotechnology Centre. Some research products have been commercialised and some have been patented and thus are a source of revenue for College.

Pharmaceutical Chemistry

The area is fully equipped with a number of laboratories for specialised purposes e.g. drug synthesis, chromatography and spectroscopy. Equipment for postgraduate teaching and research includes the following spectroscopic and chromatographic instrumentation: IR, UV, N.M.R., Fluorescence, G.C., M.P.L.C., H.P.L.C., Ion Chromatography, Atomic Absorption, Capillary Electrophoresis, GC-MS. Access to other facilities i.e. High Resolution Mass Spectrometry, N.M.R., (400MHz) and X-Ray is available in the University and collaborating institutions.

The area is engaged in research in the following areas: analysis of pharmaceutical materials; impurity



profiling of pharmaceuticals e.g. cardiovasculars; design of stability studies for product registration; drug design and development; methodologies for the synthesis, characterisation and chemical transformations of pharmacologically active compounds. Specific research interests include; design, synthesis, evaluation and computer modelling of novel antiestrogens; activity profiling of amphetamine type drugs of abuse; mechanism of action of anti-inflammatory drugs; computer modelling of platelet activating agents; liquid chromatographic method development for cardiovascular drugs; the application of molecular orbital

studies to the conformations of muscarinic agonists.

Pharmacognosy

The major research orientations of the division are in the phytochemical and biological evaluation of medicinal plants. Both native (Taxus, Drosera, Ajuga, Centranthus) and foreign plants (Papaver, Dionaea, Leontopodium) are being examined as potential sources of novel bio-active compounds, especially with anti-inflammatory, anti-cancer, anti-malarial and anti-acetylcholine esterase activities. Compounds of research interest include alkaloids, flavanoids, peptides, terpenes and naphthoquinones. In its drug discovery programmes, the area is also involved in the chemical modification and bioactivity evaluation of these compounds. Biotechnological areas of study include cell suspension and transformed root cultures. Collaboration with Botany allows the molecular investigation (i.e. DNA profiling) of medicinal plants. Method validation and quality control procedures for herbal medicines as well as natural and synthetic drugs of abuse are also of interest. Practice related areas of research involve aspects dealing with the pharmaceutical care of drug addicts.

The area is fully equipped for the cultivation of plant cell cultures as well as intact and micro-propagated plants.

It is equipped with up-to-date extraction and solvent handling facilities as well as a wide range of chromatographic equipment including GC, GC-MS, HPLC, and MPLC. Standard spectroscopic techniques are available within the area and University (3002 400MHz NMR) or in collaborating institutions (400 MHz NMR and High Resolution Mass Spectrometry).

Pharmacology

The area has excellent facilities for teaching and research and a new base for expansion of postgraduate research activity. It contributes to taught Postgraduate M.Sc. courses in Pharmaceutical Analysis, Hospital Pharmacy and to the Diploma/M.Sc. in Community Pharmacy and to the M.Sc. in Sports Medicine.

There are two active research groups. The Neuropharmacology Research Group is concerned with the functional role of serotonin and polyamines in the central nervous system and with the development of novel antidepressants and polyamine antagonists.

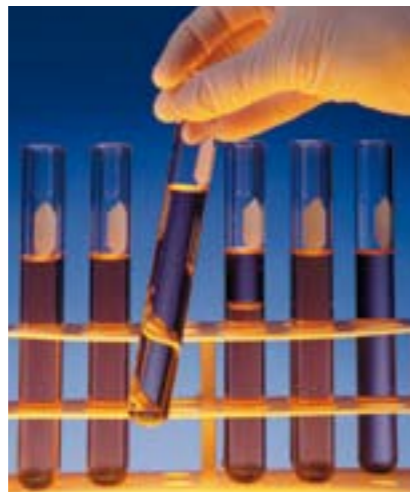
The Immunomodulator Research Group, is commercially sponsored and is concerned with the development of novel immunosuppressants from lead molecules of fungal origin. Approximately 200 NCE's have been synthesised by this group and promising novel agents, with potential role in the treatment of diseases of auto-

immune origin, have been identified.

There are close associations with the Centre for the Practice of Pharmacy. The division is particularly well equipped to carry out studies on centrally acting drugs and on the novel entities devised by the immunomodulator group. It has a wide range of pharmacological recording equipment for measurement of blood pressure, ECG, EEG and smooth muscle contraction, electrophysiological patch clamp recording equipment and modern automated high pressure liquid chromatography systems.

Practice Of Pharmacy

The division is housed in the School of Pharmacy buildings in College. It contributes to the Pharmaceutical Technician Diploma, M.Sc. in Community



Pharmacy and M.Sc. in Hospital Pharmacy. Students from the M.Sc. in Community Pharmacy undertake a research project in the area and are often supervised by staff from the division.

Access to support in data processing and statistical analysis is available in the division and in the College; tools such as SPSS and other software packages are available.

Postgraduate research in the areas of pharmaceutical care, drug utilisation and compliance/concordance, health promotion, medication safety and health policy is ongoing. Collaborative projects relating to the pharmaceutical care of the elderly and to medication review have been carried out; the former was an EU collaborative project and links established with other EU universities and research institutes are being developed through evaluation of other projects and through memberships of Pharmaceutical Care Network Europe. Research has been carried out in collaboration with health service institutions such as health boards and Trinity teaching hospitals and these links are continually being developed. Health Research Board funding for some of these projects was obtained. Collaboration with other research areas within Trinity College also occurs on a project by project basis.

NAMED DEGREE PROGRAMMES

INTEGRATED DOCTORATE IN MOLECULAR MEDICINE (M.Sc./Ph.D.)

COURSE CODE 729/730

Programme Co-ordinator: Dr Ross McManus

Duration: Four years, full-time

Closing Date: 28 February 2006 (late applications may be considered if places remain available after the closing date). Applications and enquiries should be addressed directly to Ms Sheila Walshe, Clinical Medicine, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8, Ireland.

Telephone: +353-1-608 3157

Email: molec.medic@tcd.ie

Internet: www.gen.tcd.ie/molmed or www.bioinf.org/molmed/phd

This programme aims to provide participants with an in-depth understanding of the emerging field of molecular medicine, which draws together developments in molecular and cellular biology to describe disease processes at a functional level – that is, at the level of molecular interactions.

High quality research into the causes of disease relies on a multi-disciplinary approach incorporating a thorough understanding of fundamental processes of cell biology, genetics and the integration of these processes in the function of the host at cell, tissue and organism levels. Traditionally, the teaching of science has tended to take a specialised disciplinary approach that is increasingly viewed as sub-optimal in explaining disease at the functional level. This programme provides a composite and integrated approach, which incorporates teaching and self-directed learning into the molecular basis of disease combined with a programme of laboratory research incorporating both genetics and cell biology. The concepts underlying molecular medicine are introduced through taught modules, self and group-directed learning and project work, to provide the analytical skills and intellectual tools to analyse the literature and assess and assimilate information. The course also provides candidates with experience of a wide range of technologies throughout the programme. Candidates may choose from a menu of basic and advanced taught modules in the first year. This ensures that students from specialised undergraduate and clinical degrees can broaden their knowledge base and create an educational platform that

provides the concepts necessary to successfully complete a Ph.D. Students are encouraged to interact collectively to maximise information dissemination. The central focus of this research programme is the interaction of the genome, the proteome and the environment in the causation of human disease.

The programme takes place in the Trinity College Institute of Molecular Medicine (IMM), a state-of-the-art facility dedicated to research into the molecular basis of human disease on St James's Hospital campus. The Institute and collaborating partners are equipped to the highest standards with molecular and cell biology technologies including gene mapping transcriptomics, proteomics, real-time imaging and including confocal microscopy and high throughput cell screening, featuring a Cellomics Kineticscan work station – the only one of its kind in academic setting in Europe. The programme is based in the IMM, and brings together world-class scientists from the IMM, the Smurfit Institute of Genetics and the area of Biochemistry in TCD, in a multidisciplinary research environment. The IMM is a component of the prestigious Dublin Molecular Medicine Centre and the EuroLife consortium of leading European universities.

The course consists of a first year comprising taught modules and laboratory rotations. Students are assessed at the end of the first year and must have achieved a satisfactory level in order to progress to the remainder of the programme, which consists of a three-year laboratory training programme leading to a doctoral degree. This is one of two programmes of its kind in Ireland. It is fully funded over four years by the Health Research Board in Ireland including an annual stipend of €18,000. The programme aims to train scientists to the highest levels internationally in a broad range of disciplines. In-take is limited to six individuals per year with a demonstrated level of excellence and achievement.

Applications are sought from high calibre applicants with backgrounds in biological, medical, dental and pharmaceutical sciences. Applicants from other appropriate backgrounds may also be considered. Applications for this programme should be made on the official form, which may be obtained from the Graduate Studies Officer along with of a detailed CV, personal



statement and the names of at least two academic referees.

INTEGRATED DOCTORATE IN NEUROSCIENCE (M.Sc./Ph.D.)

COURSE CODE 727/728
Next entry October 2006

Programme Directors: Prof. Marina Lynch, Prof. Shane O'Mara

Programme Co-ordinator: Dr Maria Fitzgibbon

Duration: Four years, full-time

Closing Date: 30 June 2006. Applications should be addressed directly to Ms Barbara Ryan, Senior Executive Officer, TCD Institute of Neuroscience, Trinity College, Dublin 2.

Telephone: +353-1-608 8484

Email: barbara.ryan@tcd.ie

Internet: www.neuroscience.tcd.ie

Trinity College Institute of Neuroscience (TCIN) is an interdisciplinary research and teaching institute, which is the focal point for an integrated four-year M.Sc./Ph.D. programme in Neuroscience. The structure of the programme is tailored to ensure a broad, interdisciplinary experience of laboratory techniques, clinical methods and coursework. Research and training is conducted within custom-designed laboratories, interaction spaces, seminar rooms and write-up spaces, in an explicitly interdisciplinary context, where fundamental,

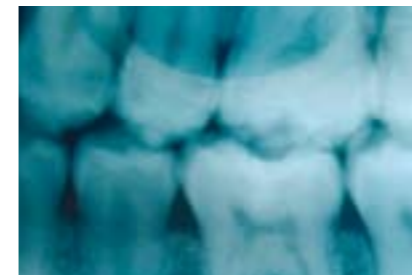
problem-orientated research is conducted in the context of a desire to contribute to human health and welfare. Students initially register for a Masters degree and on successful completion of the academic training requirements, transfer to the Ph.D. register at the end of the first year. Students who do not satisfy the requirements, or for their own reasons choose to do so, may be awarded the degree of M.Sc. in Neuroscience after successfully completing the first year's coursework and achieving a pass mark in the M.Sc. dissertation. The entry to the programme in October 2004 was funded by the Health Research Board as a pilot evaluation of a 4-year Ph.D. programme.

DOCTOR IN MEDICINE (M.D.)

COURSE CODE 161

Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Candidates for the M.D. degree must be M.B. graduates (or acceptable equivalent) of at least three years standing. A candidate must either be a graduate of the University of Dublin or have been for at least one year prior to registration a full-time or part-time member of staff of the College, or a formally appointed Research Fellow of the College or a Registrar in one of the teaching hospitals with which the College has a formal association. Applications must be made on the official form, which may be obtained from the Graduate Studies Office.



Work for this degree may be carried out elsewhere than in the College itself save that in the case of candidates who are not graduates of the University of Dublin, the bulk of the research work eventually submitted must be carried out while they are on the staff of the College or Hospital. A thesis for examination must be presented not less than twelve months or not more than five years after the date of registration. Advice to applicants is contained in the document "Doctor in Medicine (M.D.), Guidelines for Candidates". Applications to the M.D. register must first be assessed for acceptance by the internal Professional Higher Degrees Committee. Distinguished graduates of the University of Dublin may submit a thesis for the degree of M.D., which is based solely on published work relating to a single theme. In such cases the normal regulations concerning admission to the postgraduate register and minimum time between registration and submission will not apply.

MASTER IN DENTAL SCIENCE (M.Dent.Sc.)

COURSE CODE 153

Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Candidates for the degree of M.Dent.Sc. must hold the degree of Bachelor in Dental Science of the University of Dublin or the National University of Ireland, having trained at UCD, or hold the Licentiate in Dental Surgery of the Royal College of Surgeons in Ireland, or have been the holder of a primary dental qualification and for at least one year prior to registration have been a full-time or part-time member of staff of the College, or a formally appointed Research Fellow of the College or have held an appointment in one of the teaching hospitals with which College has a formal association.

A candidate who is not a graduate of the University of Dublin (or of the National University of Ireland or the Royal College of Surgeons in Ireland), must carry out the greater part of the research while on the staff of the College or Dental Hospital. The completed thesis must be presented not less than one year and not more than five years following registration. Applications must be made on the official form, which may be obtained from the Graduate Studies Office.

MASTER IN DENTAL SURGERY (M.Dent.Ch.)

COURSE CODE 622

Duration: three years, full-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

ORAL MEDICINE WITH ORAL PATHOLOGY

Course Director: Dr Stephen Flint

Telephone: +353-1-612 7261/7314

Email: bmcrtan@dental.tcd.ie

The postgraduate course in oral medicine prepares the student for the practice of oral medicine at specialist level and provides the student with a working knowledge of oral pathology short of the ability independently to report specimens. The course provides a basis for continuing dental education in later professional life. On completion of the degree the graduate should be competent to teach clinical oral medicine and oral pathology. In addition, the student will attend a core course common to all of the postgraduate clinical dental disciplines. The core course provides a wide postgraduate background in biology, clinical management, epidemiology and statistics and in science related to dentistry. The student

will also undertake a research project leading to a thesis. The findings should be suitable for publication in peer reviewed international journals. The division of time is approximately ten percent to the core course, forty percent oral medicine, twenty percent oral pathology, twenty percent management of medically compromised patients and ten percent research. The course leads to the award of Master in Dental Surgery (M.Dent.Ch.) and fulfils the criteria for specialist recognition by the Dental Council of Ireland.

ORAL SURGERY

Course Director: Prof. Leo Stassen

Telephone: +353-1-612 7207/7314

The Masters course held over a three year period prepares the student for the practice of oral surgery at specialist level. The course has been developed with the intention of fulfilling the criteria for specialist recognition. On completion of the degree the graduate should be competent in a wide-range of oral surgical procedures. The graduate should also be capable of teaching the practice of oral surgery at postgraduate level. In addition, students will attend a core course common to all of the postgraduate clinical dental disciplines. The core course provides a wide postgraduate background in biology, clinical management, epidemiology and statistics and in science related to



dentistry. In the remaining years students will have a wide and varied exposure to the practice of oral surgery (including oral medicine and oral pathology). Students will also undertake a research project leading to a thesis. The findings should be suitable for publication in peer reviewed international journals. The course leads to the award of Master in Dental Surgery (M.Dent.Ch.) and fulfils the criteria for specialist recognition by the Dental Council of Ireland.

ORTHODONTICS

Course Director: Dr Therese Garvey

Telephone: +353-1-612 7312/7303

Email: therese.garvey@dental.tcd.ie

This taught postgraduate programme provides training for dentists who wish to specialise in orthodontics. The course runs for three years leading to the award of Master in Dental Surgery (M.Dent.Ch.), and fulfils the criteria for specialist recognition by the Dental Council of Ireland. It is the intention of this course to develop students' clinical skills in the light of currently available scientific knowledge. In addition, students attend a core course

common to all of the postgraduate clinical dental disciplines. The core course provides a wide postgraduate background in biology, clinical management, epidemiology and statistics and in science related to dentistry. Students are expected to design, perform and write up a research study leading to a thesis. This research activity should also provide the basis for a refereed publication.

PAEDIATRIC DENTISTRY

Course Director: Dr Anne O'Connell

Telephone: +353-1-612 7210/7303

Email: aoconnell@dental.tcd.ie

Paediatric dentistry is an age-defined specialty that provides both primary and comprehensive preventive and therapeutic oral health care to children, including those with special needs, from birth to adolescence. The programme is based on the knowledge and expertise gained through clinical practice, research and teaching. The course has been developed with the intention of fulfilling the criteria for specialist recognition identified by the Dental Council of Ireland. Students attend a core course common to all of the postgraduate clinical dental disciplines, which provides a background in biology, clinical management, epidemiology and statistics and in science related to dentistry. Academic courses related specifically to Paediatric Dentistry occur

throughout the programme. Clinical experience is provided in the Dublin Dental Hospital and the associated Paediatric Hospitals. Students are required to complete a research project leading to a thesis, and at least one publication in a peer reviewed international journal. The course leads to the award of Master in Dental Surgery (M.Dent.Ch.).

PERIODONTICS

Course Director: Prof. Noel Claffey

Telephone: +353-1-612 7302/7305

Email: nclaffey@dental.tcd.ie

The course in periodontics has the following clinical emphasis: the management of periodontal conditions and the planning and execution of oral implant therapy. The course includes didactic and clinical components and provides the basis for continuing professional development after completion of the programme. The course has been developed with the intention of fulfilling the criteria for specialist recognition identified by the Dental Council of Ireland. In addition, students attend a core course common to all of the postgraduate clinical dental disciplines. The core course provides a wide postgraduate background in biology, clinical management, epidemiology and statistics and in science related to dentistry. The clinical teaching is based in the scientific literature. The

research emphasis centres on assessment of periodontal treatment modalities, regeneration of periodontal tissue components and bone augmentation around implants in areas of deficient bone. Student also undertake a research project leading to a thesis. The findings should be suitable for publication in peer reviewed international journals. The course leads to the award of Master in Dental Surgery (M.Dent.Ch.).

PROSTHODONTICS

Course Director: Prof. Brian O'Connell

Telephone: +353-1-612 7312

Email: boconnell@tcd.ie

The postgraduate prosthodontics programme prepares students for the clinical practice of prosthodontics at specialist level and provides the basis for continuing professional development after completion of the programme. The course has been developed to fulfill the criteria for specialist recognition by the Joint Committee for Specialist Training in Dentistry. Approximately sixty per cent of the training programme centres on clinical fixed and removable prosthodontics, management of the edentulous state, and implant dentistry. In addition, students attend a core course common to all of the postgraduate clinical dental disciplines, literature reviews in prosthodontics and clinical case presentations. Each student



will also undertake a research project leading to a thesis. The findings should be suitable for publication in peer reviewed international journals. This course leads to the award of Master in Dental Surgery (M.Dent.Ch.).

MASTER IN OBSTETRICS (M.A.O.)
COURSE CODE 155

Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Candidates for the M.A.O. degree must be M.B. graduates (or acceptable equivalent) of at least three years standing. A candidate must either be a graduate of the University of Dublin or have been for at least one year prior to registration a full-

time or part-time member of staff of the College, or a formally appointed Research Fellow of the College or a Registrar in one of the teaching hospitals with which the College has a formal association. Applications must be made on the official form which may be obtained from the Graduate Studies Office.

Work for this degree may be carried out elsewhere than in the College itself save that in the case of candidates who are not graduates of the University of Dublin, the bulk of the research work eventually submitted must be carried out while they are on the staff of the College or Hospital, as the case may be. A thesis for examination must be presented not less than twelve months or not more than five years after the date of registration. Applications to the M.A.O. register must first be assessed for acceptance by the internal Professional Higher Degrees Committee.

MASTER IN SURGERY (M.Ch.)
COURSE CODE 156

Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Candidates for the M.Ch. degree must be M.B. graduates (or acceptable equivalent) of at least three years standing. A candidate must either be a graduate of the

University of Dublin or have been for at least one year prior to registration a full-time or part-time member of staff of the College, or a formally appointed Research Fellow of the College or a Registrar in one of the teaching hospitals with which the College has a formal association. Applications must be made on the official form, which may be obtained from the Graduate Studies Office.

Work for this degree may be carried out elsewhere than in the College itself save that in the case of candidates who are not graduates of the University of Dublin, the bulk of the research work eventually submitted must be carried out while they are on the staff of the College or Hospital. A thesis for examination must be presented not less than twelve months or not more than five years after the date of registration. Applications to the M.Ch. register must first be assessed for acceptance by the internal Professional Higher Degrees Committee of the Medical School. Distinguished graduates of the University of Dublin may submit a thesis for the degree of M.Ch., which is based solely on published work relating to a single theme. In such cases the normal regulations concerning admission to the postgraduate register and minimum time between registration and submission will not apply.

M.SC. COURSES

CARDIAC REHABILITATION (M.Sc.)
COURSE CODE 676

Course Director: Prof. Ian Graham

Course Co-ordinator: Dr John Gormley

Duration: Two years, part-time

Closing Date: 31 May 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-608 2121

Fax: +353-1-453 1915

Email: jgormley@tcd.ie

This course aims to provide health professionals with an understanding of cardiac rehabilitation, prepare health professionals to provide an effective cardiac rehabilitation service and to objectively evaluate their clinical practice through research.

The course requires attendance on a part-time basis over two years. In year one students normally attend three days per month during academic term. In addition a four-week block of practical experience

(138 hours) is timetabled to occur at the end of the Trinity term in year one and the start of year two. In year two the dissertation is undertaken, which involves regular meetings between the student and supervisor.

The course is intended for those currently working in or about to develop cardiac rehabilitation programmes either within Cardiology Departments or Primary Care units. Candidates suitable for entry to the course will be recognised health care professionals, e.g. Chartered Physiotherapists, Bord Altranais Physicians.

CARDIOLOGY (M.Sc.)
COURSE CODE 223

Course Co-ordinator: Dr Niall Mulvihill

Email: mulvihn@tcd.ie

Course Secretary: Ms Teresa Lawlor

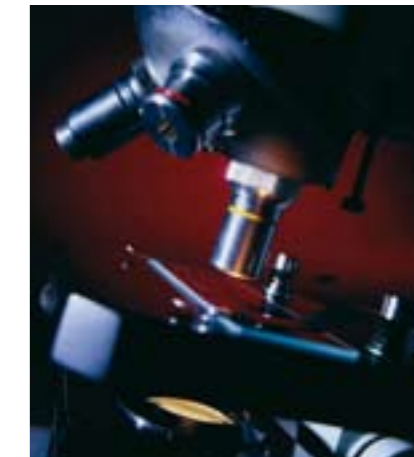
Email: tmlawlor@tcd.ie

Telephone: +353-1-416 2981

Duration: Two years full-time, three years part-time

Closing Date: 30 June 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557



Email: omahoned@tcd.ie

Internet: www.tcd.ie/Clinical_Medicine/courses/cmpgc1.html

This course is either two or three years and is designed to provide a high level of postgraduate training for doctors wishing to become trained in non-invasive and invasive cardiology. Applicants will have a M.R.C.P.I. or equivalent qualification.

The course aims to provide the theoretical knowledge, technical skills and research skills necessary to run a comprehensive cardiac service. It consists of lectures, clinically supervised practical procedures in the management of the cardiac patient, and a research project or dissertation. The course is assessed by examination, continual assessment and assessment of the research project or dissertation.

**CHILD AND ADOLESCENT
PSYCHOANALYTIC PSYCHOTHERAPY
(M.Sc.)**

COURSE CODE 224

Course Directors: Prof. Michael Fitzgerald,
Dr Mary Smith

Duration: Three years, part-time

Closing Date: 31 March 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-626 7512/269 3883

Internet: www.tcd.ie/Psychiatry/postgrad.htm

The aim of this course is to provide in-depth training to mental health professionals working with emotionally and behaviourally disturbed children and adolescents.

The course is part-time over three years and has an in-take every three years. There are four components: lectures/seminars one day per week for the academic year; supervised treatment of children and adolescents; observation of normal infant at home weekly for two years; and personal psychotherapy. Assessment is based on evaluation by case supervisor, written examination, infant observation paper, dissertation and *viva voce*.

**CLINICAL CHEMISTRY
(M.Sc./P.Grad.Dip.)**

COURSE CODE 736

Course Co-ordinator: Dr Gerard Boran

Duration: 2 year part-time

Closing Date: 30 June 2006

Internet address: www.tcd.ie/Clinical_Biochemistry

Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: + 353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: + 353 1 414 3911

Email: g.boran@amnch.ie

This new M.Sc. programme in Clinical Chemistry is offered on a part-time basis over 2 years. Candidates who are employed as medical scientists, clinical biochemists or medical doctors and who wish to develop a special interest in Clinical Biochemistry are particularly invited to apply. All students regardless of background will gain a comprehensive understanding of the principles of Clinical Biochemistry to an advanced level, including clinical and research aspects and with special attention to current developments in the discipline.

A comprehensive lecture programme will be delivered on Fridays over five terms. This will consist of 6 Modules (Clinical Chemistry I and II, Endocrinology and

Metabolism I and II, Quality Assurance and Laboratory Management, and a Revision Module in the final term). Each module will include Techniques Workshops: these will focus on developing practical skills through demonstrations and assignments in the candidates' base laboratory. A series of Clinical Laboratory Interface Workshops will foster clinical reasoning and data presentation skills. A research dissertation conducted in the candidates' base laboratory will also form part of the course. Instruction on research methods will be included.

The course is assessed by means of a final examination which consists of two written papers, a practical assessment consisting of a series of short cases, and a *viva voce*. The writing of a dissertation based on a research project is also a requirement for the M.Sc.

**GERONTOLOGICAL NURSING (M.Sc./
P.Grad.Dip.)**

COURSE CODE 241/240

Course Co-ordinator: Ms Marie Therese Cooney

Duration: Two years, part-time; one year, full-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3021

Fax: +353-1-473 2984

Email: mtcooney@stjames.ie

Internet: www.tcd.ie/Nursing_Midwifery/courses/postgrad/mscgrntlgy.html

The aim of this course is to strengthen and develop the knowledge, skills and attitudes of nurses caring for the older adult. The course provides an advanced grounding in methods of research, in addition to developing the theoretical and practical aspects of management, clinical practice and education in gerontological nursing. This is a taught Masters programme with a major dissertation. The programme commences with one full study week followed by one to two study days per week or the equivalent throughout the academic year. A combination of assessment strategies is used to evaluate the learning outcomes for the programme. A research dissertation will also have to be completed.

Candidates for the course will be registered as a nurse with An Bord Altranais, or eligible for such registration, and will have a minimum of two years full-time or equivalent recent clinical nursing practice since first registration and hold the Postgraduate Diploma course in Gerontological Nursing or hold a degree in Nursing Studies or equivalent and satisfy the course committee that they have the

entry requirements necessary to complete and benefit from the course.

GLOBAL HEALTH (M.Sc.)
COURSE CODE 731

Course Co-ordinators: Dr Stephen Thomas,
Prof. Malcolm MacLachlan

Duration: One year full-time

Closing Date: 31 May 2006. Applications should be addressed directly to the Centre for Global Health, 3-4 Foster Place, Trinity College, Dublin 2.

Telephone: +353-1-608 8594

Email: global.health@tcd.ie

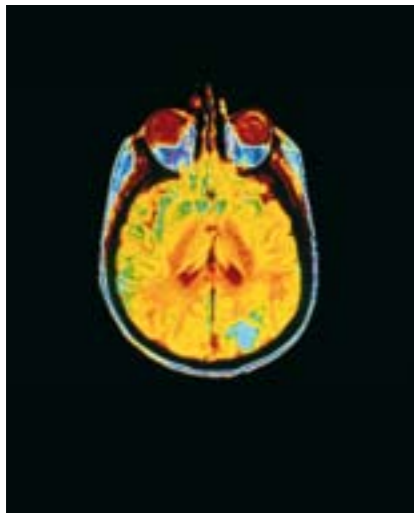
Telephone: +353-1-608 3075

Email: thomassd@tcd.ie

Internet: www.tcd.ie/Clinical_Medicine/courses/cmpgc1.html

M.Sc. in Global Health aims to address health problems that transcend national boundaries, may be influenced by circumstances and experiences in other countries, and are best addressed by co-operative actions and solutions. The underlying assumption is that the world's health problems are shared problems and are therefore best tackled by shared solutions. The course is run in the interdisciplinary area of Health Sciences and Psychology.





The course builds on the past experiences of the Masters in Public Health/International Health. It aims to attract applicants from a wide range of disciplines and professions who wish to develop an understanding of health issues that integrate health and social science prospective in a global context. Within this programme, practitioners, planners, managers and analysts are encouraged to critically reflect on the interplay between global and local issues and their impact on health. Taking cognisance of the programme's location in Ireland the course emphasises some of the Irish "local" experience that resonates globally. This includes the influence of poverty and the rapid social changes on health

and identity in Ireland; migration and refugee welfare, the consequences of ethnic conflict, the peace process and the challenges of reconciliation for creating inclusive health services. The strongest emphasis within the course is however on health in developing countries. While this incorporates some aspects of the previous International Health programme there is an additional stronger emphasis on the influence of socio-cultural, economic and health policy issues. Students are provided with a greater appreciation of the global interconnectedness of health problems and the range and depth of research methodology that can be used to work through these challenges.

HEALTH INFORMATICS (M.Sc./P.Grad.Dip.)

COURSE CODES 617/616

(See entry via Diploma in the Faculty of Engineering and Sciences Systems above for details)

HEALTH SERVICES MANAGEMENT (M.Sc.)

COURSE CODE 254

Course Director: Ms Eilish McAuliffe

Course Co-ordinator: Ms Mandy Lee

Course Administrator: Ms Donna Carter-Leay

Duration: two years, part-time

Closing Date: 31 March 2006. Applications should be addressed directly to Health Policy and Management, 3-4 Foster Place, Trinity College, Dublin 2.

For further information on the degree programme, please contact the Course Administrator or Course Co-ordinator on:

Telephone: +353-1-608 2201/3986

Fax: +353-1-677 4956

Email: hsmsec@tcd.ie

Internet: www.tcd.ie/Health_Sciences/hsm.php

This course prepares students for middle and senior management positions in the health services. It is intended for suitably qualified applicants currently working in positions with planning or management responsibility in health service organisations. The course is multidisciplinary and open to all professions. The course harnesses the core values of commitment, caring and cooperation in professional clinical practice with management principles and methods relevant to the healthcare setting.

Particular emphasis is placed on the importance of interdisciplinary exchange within small group settings. Teaching is delivered through interactive sessions. Case studies, class discussion and online discussions facilitate the

application of learning and ensure that the programme imparts a theoretical framework of understanding whilst maintaining a practical focus. The programme is continually updated to reflect developments occurring within our rapidly changing healthcare environment. A key feature within the programme is a relatively small class size, which optimises learning for individual students.

The programme offers a comprehensive coverage of subjects relevant to health services management. Modules include management and organisational behaviour; population health; financial management; health economics; human resources management; law; health policy; information management; comparative healthcare; marketing; ethics; strategic management (includes strategic planning, change management, quality management, risk management) and management research.

Applications will be considered from those with health service management experience. In addition, applicants should hold a good honors degree in a professional discipline or an equivalent qualification. Shortlisted applicants may be requested to attend for interview.



HOSPITAL PHARMACY (M.Sc.)

COURSE CODE 222

Next entry January 2007

Course Co-ordinator: Ms Niamh McMahon

Duration: Two years, part-time

Closing Date: 1 October 2006, for admission in the following January. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-416 2586

Fax: +353-1-473 0596

Email: ncmahon@stjames.ie

Internet: www.tcd.ie/pharmacy/courses/msc_hospital.php

The M.Sc. in Hospital Pharmacy programme consists of a practice-based teaching programme complemented by lectures, tutorials and workshops. The course provides students with the knowledge and skills necessary to undertake all aspects of hospital pharmacy. Subjects covered include therapeutics, pharmacoconomics, purchasing skills, good manufacturing practice and aseptics, immunology and biotechnology. Management issues as they relate to hospital pharmacy and the broader context of healthcare systems are also addressed.

Coursework is underpinned by a comprehensive practice-based element where students rotate through a variety of specialist areas to ensure that broad, practical experience is obtained in such areas as drug information, dispensary, compounding and clinical specialities.

Assessment is on a continual basis through formal examinations, written assignments, oral presentations and clinical progress reports. Students are required to undertake a research project and must demonstrate research competency. Research and methodological skills are addressed in a dedicated module that also encompasses statistical evaluation.

This is a two-year, part-time course with lectures and tutorials taking place on one half day per week in central locations. Courses are conducted on a bi-annual basis. Eligible candidates must hold a first or second-class honors degree in pharmacy and be registered with the Pharmaceutical Society of Ireland. All students are based as full-time pharmacists in dedicated teaching hospitals in Ireland.

MAMMALIAN CELL PHYSIOLOGY (M.Sc.)

COURSE CODE 655

Course Director: Dr Veronica Campbell

Duration: One year, full-time

Closing Date: 30 June 2006. Places strictly limited. Applications should be addressed

directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-608 1192

Email: vacmpbll@tcd.ie

Internet: www.tcd.ie/Physiology/text/courses/cellphysiology.html

This course aims to provide a solid basis of understanding in physiological aspects of cell function together with practical experience in modern methodologies that are used for manipulation and monitoring of cell function. The course will suit those who wish to pursue a career in biomedical research and drug development. To be eligible for admission, candidates should normally possess a good degree in a life sciences discipline, medicine or pharmacy. Applications from chemists and engineers with an interest in biotechnology will also be considered.

The first half of the course consists of lectures, student-based seminars and workshops based on the following topics: signal transduction, neurobiology, physiological pharmacology, apoptosis, molecular physiology, data acquisition and analysis. Training is given in techniques used for manipulation

and monitoring of cell function and in procedures used to record in vitro and in vivo responses of the respiratory, cardiovascular and gastrointestinal systems to pharmacological agents. At the end of this formal teaching period, students undertake a five-month research project on some novel aspect of cell physiology, in consultation with an expert supervisor. Potential research areas include neurobiology, apoptosis, inflammation, neuro-immunology, pulmonary physiology, tissue engineering, muscle physiology and cell signalling. Students are assessed on the basis of their course performance, by written examinations related to principal components of the course and by a research dissertation of 25,000 words.

The course staff have strong research links with the Trinity College Institute of Neuroscience and the Trinity Centre for Bioengineering; and a Socrates exchange with the University of the Saarlandes, Germany.

MEDICAL IMAGING (M.Sc.) COURSE CODE 713

Course Co-ordinator: Ms Bernadette Moran

Duration: One year following successful completion of Postgraduate Diploma as detailed below.

Closing Date: 31 July 2006. Applications should be addressed directly to Ms Dara

O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-809 2798

Fax: +353-1-809 2943

Email: moranbe@tcd.ie

Internet: www.tcd.ie/Clinical_Medicine/courses

This course provides an opportunity for those candidates who have successfully completed either the Postgraduate Diploma in Nuclear Medicine or the Postgraduate Diploma in Magnetic Resonance Imaging to carry out a substantial piece of research work and to present this in the form of a dissertation for the M.Sc. in Medical Imaging.

Admission is only via one or other of the Postgraduate Diploma courses named above and eligible candidates will either have achieved a distinction in their Postgraduate Diploma year or otherwise satisfied the Course Admission Committee that they have the ability to complete and benefit from the course. The course will incorporate a short taught component in the form of the common modules in Research Methodology, Statistics and Ethics.

MIDWIFERY (M.Sc.) COURSE CODE 605

Course Co-ordinators: Dr Elizabeth Curtis, Dr Richard Redmond

Duration: One year, full-time; two years, part-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3896

Fax: +353-1-473 2984

Email: redmond@tcd.ie or curtise@tcd.ie

Internet: www.tcd.ie/Nursing_Midwifery/courses/postgrad/mscmdwfy.html

The aim of this course is to strengthen and develop the knowledge and skills of



participants. The course covers clinical practice, education, administration and research, and commences with one full study week followed by one study day per week or the equivalent throughout the academic year. There is a written assessment associated with each module of the course. In addition, successful completion of a research dissertation is a requirement in order to achieve the award of M.Sc. Midwifery.

Candidates for the course will be registered as a midwife with An Bord Altranais, or eligible for such registration, and will have at least two years' relevant experience and will have an honors degree in nursing, midwifery, or a related discipline, or equivalent professional qualification. Applicants without a degree must satisfy the course committee that they have the ability to complete and benefit from the course. Students undertaking this programme may do a Clinical Health Sciences Education strand. Successful completion of this strand entitles these students to apply for registration as a Midwifery Tutor with An Bord Altranais.

MOLECULAR MEDICINE (M.Sc./P.Grad.Dip.) COURSE CODE 258

Course Co-ordinators: Dr Ross McManus, Prof. Mark Lawler, Dr Aideen Long, Dr Yuri Volkov

Duration: One year, full-time; two years, part-time

Closing Date: 30 April 2006 (late applications may be considered if places remain available after the closing date). Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-608 2093

Email: molec.medic@tcd.ie

Internet: www.gen.tcd.ie/molmed or www.bioinf.org/molmed

There is a separate entry on admission to the P.Grad.Dip. in Molecular Medicine below.

This course aims to give participants an in-depth understanding of the emerging field of molecular medicine which draws together developments in molecular and cellular biology to describe disease processes at a functional level – that of molecular interactions.

The course aims to provide students with an understanding of the molecular basis of human disease and its implications for the practice of clinical medicine and research in the life sciences. The course will ensure

that students from all disciplines have the skills necessary to conduct research and critically evaluate the scientific and medical literature.

The course includes lectures on cellular biology and molecular genetics as they apply generally to normal cell and tissue function and to disease processes. Modules on molecular signalling and therapeutics, bioinformatics and ethical-legal aspects of the discipline are included, as well as literature reviews, laboratory practicals and a laboratory project.



The programme is offered in three formats: the molecular course and two enhanced courses – business and integrated nanoscience. The business format allows students to undertake a number of business modules in conjunction with the Business, Economics and Social Sciences area. This aims to provide participants with an overview of important concepts pertinent to the life sciences, industries and innovation. In this format, three basic science modules (of seventeen) are replaced by business modules dealing with organisational management, strategic management and innovation. The integrated nanoscience course is taught in conjunction with a number of research and academic areas. It is aimed to provide students with an overview of basic nanotechnology principles, properties of nanomaterials and related physical and chemical techniques; as well as with the knowledge of advanced applications of nanoscience and novel emerging technologies in molecular medicine and therapeutic drug development. Similarly to the enhanced business format, two basic science modules in this course will be replaced by modules dealing with nanoscience and nanotechnology in molecular medicine.

The student is examined on the basis of a submitted critical literature review essay, a written examination, assessment of laboratory practicals and the writing of a dissertation based on a research project.

Candidates from health science (medical, dental, veterinary), biological science and other science disciplines (e.g. chemical or pharmacy), are invited to apply. The course is normally available as a one-year full-time course and is available as a part-time option in exceptional circumstances only.

MOLECULAR PATHOLOGY (M.Sc.)
(with Dublin Institute of Technology)
COURSE CODE 267

Course Co-ordinators: Dr Frederick Falkiner (TCD), Dr Jacinta Kelly (DIT)

Duration: Two years, part-time

Closing Date: 30 April 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-608 3791

Email: fflkiner@tcd.ie

Internet: www.tcd.ie/Clinical_Microbiology

The aim of this course, run jointly with Dublin Institute of Technology in Kevin Street, is to provide postgraduate education in medical laboratory science for those wishing to pursue a career in this field. It provides an advanced programme



in the molecular basis of disease including the etiology, pathogenesis and investigation of the disease process. I.T. and management as applied to Medical Laboratories are also covered. Students develop research skills by partaking in an advanced practical project in their chosen area of specialisation.

The course is available on a block-release basis and on a full-time basis. Applicants must hold at least a second-class honors degree in Biomedical Science or equivalent, or have passed the Part I Fellowship examination of the Institute of Biomedical Science or the Fellowship examinations of the Institute of Biomedical Science. Candidates applying for the

part-time course must be employed in an appropriate post in either an approved medical or veterinary laboratory. Applicants may be interviewed.

NURSING (M.Sc./P.Grad.Dip.)
COURSE CODE 604

Course Co-ordinators: Dr Richard Redmond, Dr Elizabeth Curtis

Duration: One year, full-time; two years, part-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3896/2776/3533

Email: redmonr@tcd.ie or curtise@tcd.ie

Internet: www.tcd.ie/Nursing_Midwifery/courses/postgrad/mscnrsing.html

The aim of this course is to strengthen and develop the knowledge and skills of participants. The course covers clinical practice, education, administration and research, and commences with one full study week followed by one study day per week or the equivalent throughout the academic year. There is a written assessment associated with each module of the course. In addition successful completion of a research dissertation is a requirement in order to achieve the award of M.Sc. nursing.



Candidates for the course will be registered as a nurse with An Bord Altranais, or eligible for such registration, will have at least two years' relevant experience and will have an honors degree in nursing, midwifery, or a related discipline, or equivalent professional qualification. Applicants without a degree must satisfy the course committee that they have the ability to complete and benefit from the course. Students undertaking this programme may do a Clinical Health Sciences Education strand. Successful completion of this strand entitles these students to apply for registration as a Nurse Tutor with An Bord Altranais.

OCCUPATIONAL THERAPY (M.Sc.)
COURSE CODE 618

Course Director: Ms Clodagh Nolan

Duration: Two years, part-time

Closing Date: 30 June 2006. Places strictly limited. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-608 3218

Fax: +353-1-454 6363

Internet: www.tcd.ie/Occupational_Therapy/MSc.htm

The main aim of this course is to advance the link between the theory and practice of occupational therapy and to promote reflective practice and improve research skills. The first year of the course includes the following three compulsory modules: (a) research methods and statistics; (b) occupational therapy theory and professional development; (c) independent learning unit. Students may choose two of the following: (a) health care economics (b) health psychology (c) health services management (d) social policy (e) medico-legal issues. The second year of the course is largely devoted to the dissertation

(30,000 words), which is supervised by a member of the staff. Students are assessed by written examinations, which are held in June of the first year and by assignments and project work set by the tutors of the various modules within the course.

Candidates for this course must be occupational therapists that hold either a recognised degree or diploma in Occupational Therapy.

PAEDIATRICS (M.Sc.)

COURSE CODE 264

The next in-take will be in October 2007.

Course Director: Dr Enda Roche

Duration: One year, full-time

Closing Date: To be confirmed.

Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-414 3747

Internet: www.gen.tcd.ie/molmed/paediatrics

This course provides higher clinical training in Paediatrics with a focus on clinical examination. It also equips participants with management skills and research opportunities. The course is ideally suited

to those wishing to pursue a specialist career in paediatrics and to those doctors in related specialities who have significant paediatric involvement. It is a full-time taught programme with a modular format, and is assessed by two three-hour written papers, clinical assessment and dissertation.



Candidates for admission require a medical degree, M.B., B.Ch., B.A.O., or equivalent qualification from another university. Candidates will normally have been in paediatric training in an approved institution or have passed the Membership of the Royal College of Physicians Part II examination or have equivalent experience. For those in related specialities, in addition to a medical qualification, a Diploma in Child Health or Membership of the Faculty of Public

Health Medicine or experience deemed equivalent will be required.

PHARMACEUTICAL ANALYSIS (M.Sc./P.Grad.Dip.)

COURSE CODE 633/634

Course Director: Dr John M. Clancy

Closing Date: 31 July 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2790

Fax: +353-1-608 2793

Email: jclancy@tcd.ie

Internet: www.tcd/pharmacy/courses/msc_analysis.php

The course involves a comprehensive treatment of the science and technology of pharmaceutical analysis with particular emphasis on the regulatory environment in which the pharmaceutical industry operates. It is intended for suitably qualified graduates currently working in or aspiring to work in the pharmaceutical industry – in particular non-pharmacy graduates employed in quality control or quality assurance roles requiring specialised training, retraining or upgrading of skills. The course may also be attractive to technical managers in regulatory affairs, product development and other related areas. The objective is to equip

graduates with the appropriate analysis skills required by the pharmaceutical and veterinary manufacturing industries.

Applicants are accepted, subject to the availability of places, from holders of honors degrees in a relevant Science discipline (e.g. Pharmacy, Chemistry, Analytical Chemistry, Microbiology, Biochemistry, Pharmacology and other appropriate primary honors degrees e.g. I.T., Medicine or Veterinary). Equivalent primary and/or postgraduate qualifications are considered, particularly with relevant professional experience. Applications will be evaluated by the Course Director in consultation with the Course Committee and Dean of Graduate Studies as appropriate.

The course is available for full-time study over one calendar year or part-time over two years and consists of lectures, workshop and laboratory work. Part-time teaching is normally scheduled for Fridays during academic terms. The course comprises lectures, workshops, seminars, laboratory work, written assignments and factory visits. In addition each student must write a major essay on a designated topic in the area of pharmaceutical analysis. Students proceeding to a M.Sc. degree will be required to undertake a research project and present a detailed scientific report at the end of the course.

The course consists of eight basic modules: regulatory aspects of pharmaceutical analysis, statistics, GLP chromatographic analysis, spectroscopic and physical methods of analysis, pharmacopoeial methods of drug analysis, analysis of low level drug analysis, specialised pharmaceutical methods of analysis, biological and pharmacological methods and pharmaceutical formulation.

The taught modules are supported by lectures and workshops on presentation and research skills and visits to industrial laboratories. The course is taught mainly by College staff, although there is a contribution from specialist visiting lecturers. The research project may be conducted either in the School of Pharmacy or at the student's place of employment but in either case supervision is exercised by a member of the School of Pharmacy academic staff.

Overall assessment of candidates is based on tutor marked assignments (TMAs) during the course work and written examinations in May/June each year. Credits are available for all assignments including laboratory reports. The M.Sc. project report should be of 20,000 words and is examined in September. Candidates must successfully complete the taught component of the course at the Trinity term examinations, before proceeding to the M.Sc. project. Provision is available for

a supplemental examination in September each year if required. A reasonable attempt is required in all aspects of the examination process. A pass mark of 40% is normally required but compensation is applied where appropriate.

PHARMACEUTICAL MEDICINE (M.Sc./P.Grad.Dip.)

COURSE CODE 708/707

Course Director: Dr Mary Teeling

Course Co-ordinator: Dr Mary Jo MacAvin

Duration: Two years, part-time

Closing Date: 30 June 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-410 3671

Fax: +353-1-473 0596

Email: teelingm@tcd.ie or cact@stjames.ie

Internet: www.tcd.ie/Pharmacology_Therapeutics

There is a separate entry on admission to the P.Grad.Dip. in Pharmaceutical Medicine below.

This M.Sc. course is administered by Pharmacology and Therapeutics, in association with the Centre for Advanced Clinical Therapeutics, St James's Hospital, Dublin. It has been developed to provide medical and science graduates with specialist knowledge and skills in the area of clinical pharmacology and pharmaceutical medicine. In-take is on an annual basis.

Components of the course include principles of:

- Pharmacology and biostatistics
- New drug development and the regulatory environment
- Pharmacoeconomics and rational use of drugs
- Pharmacovigilance and drug information

The course involves completion of taught modules and the additional undertaking of a research project. The modules consist of formal teaching and personal assignments and are run over five terms on a part-time basis (approximately two modules per term). Some of the modules are undertaken by way of distance learning. In addition, the students are assigned a research project (including field work), to be submitted as a dissertation for the degree of M.Sc. only.

Students are assessed by way of continuous assessment and are required to pass written



and oral examinations at the end of their course. In addition, they are required to submit a written dissertation on their research project (with the possibility of an oral examination) by the end of the second year of the course.

Prospective students for this course must hold a primary degree in either medicine or another relevant health or science subject. Candidates should have a minimum of two years' practical experience in their area of qualification/pharmaceutical industry.

The course will be run in the William Stokes Postgraduate Centre/Trinity College Health Sciences Building, St. James's Hospital, Dublin 8.

PHARMACEUTICAL TECHNOLOGY (M.Sc./P.Grad.Dip.)

COURSE CODES 635/636

Course Co-ordinator: Dr Anne Marie Healy

Duration: One year, full-time; two years, part-time

Closing Date: 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2785

Fax: +353-1-608 2783

Email: healyam@tcd.ie

Internet: www.tcd.ie/pharmacy/courses/msc_pharmtech.php

The main aim of the course is to give students currently working or intending to work in the human and veterinary pharmaceutical industries an understanding of the fundamentals of pharmaceutical technology relevant to product formulation, development and production. In addition to theoretical knowledge, graduates are equipped with practical experience and research methodology that enables them to become involved in research and development in these areas.

Applications are accepted from graduates who hold a good honors degree in a relevant science discipline, hold an equivalent qualification with relevant professional experience or otherwise satisfy the course admission committee that they have the ability to succeed and benefit from the course.

PHYSICAL SCIENCES IN MEDICINE (M.Sc./P.Grad.Dip.)

COURSE CODES 178/650

Course Director: Dr Neil O'Hare

Duration: Two years, full-time

Closing Date: 31 July 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-416 2769/2645/2648

Fax: +353-1-410 3487/3478

Email: nohare@stjames.ie

Internet: www.tcd.ie/Clinical_Medicine/courses/cmpgc.html

Students enter via the M.Sc. register. This course covers areas frequently known as clinical engineering and medical physics. It is designed for students who have a good honors degree in one of the Physical Sciences (physics, electronic or mechanical engineering, computer science, mathematics) and builds on this knowledge to present the academic foundation for the application of the Physical Sciences in Medicine. Taught by formal lectures, clinical demonstrations, practicals and workshops, the subjects covered in the course include medical imaging, physiological measurement, radiotherapy, radiation protection, basic medical sciences, medical electronics and instrumentation, signal and image processing, medical computing, rehabilitation engineering, hospital organisation and medico-legal topics. Students taking the course as a Diploma must pass all examinations and assignments for these modules. Students taking the course as a M.Sc. must, in



addition, engage in original research and report their findings in a dissertation. Topics for the dissertation have spanned a wide range, including radiotherapy treatment planning, biomechanics of the artery, radiation dosimetry, analysis of information in medical images, measurement of standing posture, UV safety, evoked potentials in the brain and many others.

The course extends over two academic years and is timetabled to facilitate students in full-time employment. Students who are not already employed in the field must complete a three-month practical placement in a hospital or other institution. The course is internationally accredited for education of new recruits to the profession of Medical Physics/

Engineering.

Prospective applicants should note that this course is currently being reviewed and may be offered in a changed format. For details please contact the course co-ordinator directly.

PSYCHOANALYTIC PSYCHOTHERAPY (M.Sc.)

COURSE CODE 620

Course Co-ordinator: Ms Nessa Childers

Duration: Three years, part-time

Closing date: 30 April 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-272 2928

Email: amdps@indigo.ie

Internet: www.tcd.ie/psychiatry/psychotherapy

This course was developed to meet the growing need for specialised training in psychotherapy for health professionals already in possession of a core training in the area of mental health. It provides a structured and comprehensive postgraduate training in the practice of

psychoanalytic psychotherapy with adults. The aim of the programme is to provide a thorough training in psychoanalytic theory from Freud through Klein, Bion, Winnicott, and the Independent Tradition, while strongly emphasising the aspect of clinical training.

Admission requirements: applications are invited from candidates who hold a degree in Medicine or a first class or second-class honors degree in Psychology, Social Studies, some aspect of mental health or equivalent. Individuals whose training may not meet the above criteria but who are deemed by the Selection Committee to possess exceptional potential for training in the area of psychotherapy may also be considered.

Course Structure: the course extends over



three years. The formal teaching schedule takes place on one evening and one full day per week during the academic year. The course components include:

- Lectures and seminars on psychoanalytic theory, clinical practice and developmental theory
- Psychopathology, Psychiatry and related subjects
- Infant Observation
- Group Experience
- Personal Therapy
- Supervised Clinical Work.

Academic Assessment will be based on:

- A dissertation of 12,000-15,000 words
- A final written examination
- Oral examination
- Term Essays and an Infant Observation paper

Clinical work is assessed on a continuous basis, and students must be classed as satisfactory by their clinical supervisor. Progress through the course is conditional on the yearly assessment. Students who perform at a satisfactory level in all course components are eligible for the award of M.Sc. in Psychoanalytic Psychotherapy.

SPORTS MEDICINE (M.Sc.)

COURSE CODE 208

Course Director: Dr Nicholas Mahony

Duration: One year, full-time

Closing Date: 30 April 2006. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-608 1182

Fax: +353-1-679 9011

Email: anatomy@tcd.ie

Internet: www.tcd.ie/Anatomy/msccourse.htm

The course includes lectures, practical and clinical work. It aims to present a scientific basis for the study of all aspects of sports medicine; to outline a comprehensive programme for injury prevention and treatment; to define guidelines for the scientific monitoring and training of athletes; to enable participants to prescribe training advice for different age groups; and to expose participants to a wide range of specialities relevant to sport and exercise.

A M.Sc. degree is awarded following the passing of written, oral and clinical examinations and the acceptance of a dissertation based on practical research work. Marks are allocated on the basis of 60% examination and 40% dissertation.

Those eligible to apply for this course will be well-qualified medical graduates and chartered physiotherapists (upper second-class honors degree or higher), with minimum one-year post qualification experience. Preference is given to applicants with a strong sporting background (personal involvement or recognised service provision).

POSTGRADUATE DIPLOMAS

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such P.Grad.Dip. courses are not listed below as they are not open to entry as separate options from their parent Masters course i.e. students apply for entry to the appropriate Masters course.

CLINICAL DENTISTRY (P.Grad.Dip.) COURSE CODE 621

Course Director: Dr Osama Omer

Duration: Two years, part-time

Closing Date: 30 November 2006 for admission in January 2007, admission every second year. Applications should be

addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-612 7264

Internet: www.global.dental.tcd.ie/Education

This course is designed to fill the need, identified by the Dental Council, for a continuing education programme for the Dental Profession. The course aims to combine a 'hands-on' approach with theory. Students have a choice of nine modules, of which they must successfully complete six in order to obtain their Postgraduate Diploma. Students have to provide their own nursing care (where 1:1 assistance is required) and patients on some modules.

The course aims to give insight into the theory and scientific rationale of various aspects of dental practice, develop clinical ability in the relevant areas, and develop confidence in the use of new skills.

The modules offered are: adhesive dentistry, removable prosthodontics, fixed prosthodontics, periodontal therapy, endodontics, oral medicine, orthodontics, dento-alveolar surgery and paediatric dentistry. In addition a core course covering cross-control of infection, medical emergencies in dental practice, ethics, malpractice and risk management and other issues will be taken by all

participants. The course is assessed by a combination of objective structured clinical examinations, completion of clinical competency and continuous assessment.

Professional Requirements: Registration with the Dental Council of Ireland and also current personal professional indemnity insurance.

CLINICAL ENGINEERING (EQUIPMENT MANAGEMENT) (P.Grad.Dip.) COURSE CODE 632

Course Co-ordinator: Mr Fran Hegarty

Duration: One year, part-time

Closing Date: 30 June 2006. Two references are required upon application; one from the last academic institution attended and one from the place of employment supporting the applicant in this study. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-416 2246

Email: fhgarty@stjames.ie

This Postgraduate Diploma in Clinical Engineering (Equipment Management) is concerned with the training and education of scientists, engineers and

technicians who will provide clinical engineering/equipment management services to hospitals, either through direct employment or employment in companies selling their services to hospitals. It avails of the framework of the Haughton Institute to facilitate a rich mixture of in-service elements with a well-developed academic basis.

The programme focuses on the vocational needs of those who intend to follow a career in clinical engineering/equipment management and is offered by Health Sciences, with support from Engineering and Systems Science.

CLINICAL HEALTH SCIENCES EDUCATION (P.Grad.Dip.) COURSE CODE 656

Course Co-ordinators: Dr Sharon O'Donnell, Dr Richard Redmond, Ms Elizabeth Curtis

Duration: One year, part-time

Closing date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3896/2776/3533

Email: shodonne@tcd.ie or redmonr@tcd.ie or curtise@tcd.ie

Internet: www.tcd.ie/Nursing_Midwifery/courses/postgrad/pgdipchse.html



This course is a joint venture between the School of Nursing and Midwifery and Education. The course is intended to facilitate health service professionals who hold an honors degree to develop their skills in teaching, assessment, curriculum design, development and evaluation. The course comprises five modules: the theory and practice of health sciences education; facilitating learning in a practice setting; the psychology of education; curriculum issues in health sciences education and quality improvement in education. The programme starts with one full study week and continues with one to two days per week for the academic year. Students must undertake a minimum of 135 hours of classroom and clinical teaching throughout the course. The assessment process used is a combination of written and practical assignments. Students must pass independently the assessed teaching practice and the written assignments. The pass grade is 50%. Students who do not undertake the required amount of teaching practice will not be eligible to receive the Postgraduate Diploma in Clinical Health Sciences Education.

Candidates for the course must be currently registered as a health sciences professional (e.g. physiotherapist, doctor, nurse, midwife) with the appropriate body and working in a relevant area, have two years' clinical experience since first registration (excluding postgraduate study), hold an honors degree in a relevant discipline or equivalent professional and academic qualifications. Candidates for the course must also satisfy the course committee that they have the ability to complete all the requirements of the course including the stated teaching hours.

In order to be eligible to apply to the Tutor's Division of the Register held by An Bord Altranais, nurses and midwives who are successful on this course are also required to have a Masters degree.

COGNITIVE PSYCHOTHERAPY (P.Grad.Dip./M.Sc.) COURSE CODES 612/609

Duration: One/two years. Bi-annual intake, entry via diploma.

This course is currently being reviewed, the course co-ordinator is to be advised. Please direct all queries to Ms Dara

O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-416 2626

Internet: www.tcd.ie/Psychiatry/postgrad.htm

The course aims to explore in depth the theory and practice of Cognitive Psychotherapy. Students are supervised treating a minimum of three cases, and are taught the use of Cognitive Psychotherapy in relation to a variety of different areas and disorders. Teaching takes place one full day per week (Friday) during academic term. Assessment is based on evaluation of the student's clinical performance using the Cognitive Therapy Scale and four written assignments (Diploma year), and on a dissertation in the M.Sc. year.

Candidates must be employed in a health care setting and using counselling and psychotherapy as part of their work. They will normally be graduates of recognised university courses or have equivalent professional qualifications.

Students who satisfy the requirements of the Postgraduate Diploma course, and who satisfy the admissions committee that they have the ability to complete a

research dissertation, may elect to study for a further year to achieve a M.Sc. Successful students who elect to be awarded the Postgraduate Diploma may not subsequently enrol for the M.Sc.

COMMUNITY PHARMACY (P.Grad.Dip./M.Sc.)

COURSE CODES 659/658

Course Co-ordinator: Ms Sheila Ryder

Duration: P.Grad.Dip. two years part-time; M.Sc. additional year, part-time.

Closing Date: June 2006. Two references are required upon application – either two academic references or one academic and one work-related reference. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2786

Fax: +353-1-608 2524

Email: sryder@tcd.ie

Internet: www.tcd.ie/Pharmacy/dipmsc.htm

This course is intended to help community pharmacists to develop their clinical, managerial and research skills, meet duties imposed by Clause 9 of the Community Pharmacy Contractor Agreement, extend their professional role and contribute to patient care as part of the primary health care team. Because of their distance-

learning format, participants can continue in full-time employment throughout the course.

Participants initially enter at diploma level, and on successful completion of core material may choose either to graduate with a Postgraduate Diploma



in Community Pharmacy or to apply to transfer to the M.Sc. in Community Pharmacy.

Core material comprises a series of modules covering clinical, social and business aspects of pharmacy practice, with opportunities for specialisation in particular fields. Pharmacists who advance to M.Sc. level undertake an additional module on research methods and perform a research project relevant to community pharmacy practice.

EXERCISE PHYSIOLOGY (P.Grad.Dip./M.Sc.)

COURSE CODES 600/253

Course Director: Dr Stuart Warmington

Duration: P.Grad.Dip.: one year, part-time; M.Sc.: two years, part-time

Closing Date: 30 April 2006, places strictly limited. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Further information can also be obtained by contacting the Physiology Department

Telephone: +353-1-608 2723

Fax: +353-1-679 3545

Email: physiol@tcd.ie

Internet: www.tcd.ie/Physiology/text/courses/exscience.html

This course aims to provide training for professional development of physical educators and health care workers who employ exercise therapy. In addition this course would be ideal for those interested in gaining experience in assessment of exercise performance, and exercise applications in training and research. Applicants are expected to hold a good



primary degree with some grounding in biology. Preference may be given to candidates who are employed in a relevant field. There is an initial common year of taught courses for both Postgraduate Diploma and Masters programmes, representing around 260 contact hours over the year. As far as possible courses are programmed to take place on only two days per week (Mondays and Fridays).

In the first year, students are continuously assessed on laboratory and project work and sit two final written examination papers during May with a *viva voce* examination following completion of all examinations to conclude the assessment process.

Students who have received an honors grading in the first year may elect to undertake a second research-based year to achieve a M.Sc. This research is expected to involve a commitment of around 300 hours over the year and assessment is a dissertation of approximately 20,000 words. Students who elect to be awarded the Postgraduate Diploma may not subsequently enrol for the M.Sc. Current taught course timetables and assessment procedures, together with information on course content and career paths of previous graduates, may be viewed on www.tcd.ie/Physiology/text/courses/exscience.html

GERONTOLOGICAL NURSING (P.Grad.Dip./M.Sc.)

COURSE CODE 240 /241

Course Co-ordinator: Ms Marie Therese Cooney

Duration: One year, full-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3005

Fax: +353-1-473 2984

Email: mtcooney@stjames.ie

Internet: www.tcd.ie/Nursing_Midwifery/courses/postgrad/pgdipgrntlgy.html

The aim of the course is to strengthen and develop the knowledge, skills and attitudes of participants, thus enabling them to fulfil their highest potential in both their personal and professional lives. The students are enabled to develop the skills necessary to critically evaluate research and underpin nursing practice with an appropriate evidence base. The course comprises both academic and clinical components. Each of the two components must be completed. The students will be employed full-time in the Department of Medicine for Older People, St. James's Hospital, Dublin or in other approved clinical locations for the duration of the programme. The course consists of five modules which comprise two Gerontological nursing modules and three core modules. A combination of assessment strategies is used to assess the learning outcomes for the course. Clinical competence must be achieved on completion of the course.

Students who successfully complete the P.Grad.Dip. in Gerontological Nursing course, may forfeit the award and proceed to the second year of the M.Sc. in Gerontological Nursing.

Applications for admission will be accepted, subject to places being available, from those who have a current registration as a nurse on the active register with An Bord Altranais and hold a degree in Nursing Studies or equivalent and have a minimum of two



years post-registration experience and/or satisfy the Course Admission Committee that they have the ability to complete and benefit from the course.

GYNAECOLOGY AND OBSTETRICS (P.Grad.Dip.)

COURSE CODE 126

Course Director: Prof. Brian Sheppard

Duration: Six months, full-time

Closing Date: 31 January for admission in the following October, limited places available. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2190

Course secretary: Bernadine Mackin

Email: mackinb@tcd.ie

Internet: www.tcd.ie/Obstetrics/courses.htm

The Postgraduate Diploma in Gynaecology and Obstetrics is an internationally recognised specialists qualification, known as the DGO. It has been awarded by Trinity College for over 80 years. The course is based in the Rotunda Hospital and begins on 1st October each year.

The course provides up-to-date information on clinical management in obstetrics and gynaecology and scientific knowledge on female health care. It combines clinical and theoretical instruction in obstetrics, gynaecology, neo-natal paediatrics, anatomy of the female pelvis, embryology, physiology of reproduction and obstetric and gynaecological pathology. Examination takes place at the end of March.

Applications for admission are invited from medical practitioners who have completed at least one year in the speciality of Obstetrics and Gynaecology. Preference is given to applicants from developing countries who have not previously had the opportunity of external postgraduate study or experience.

HEALTH INFORMATICS (P.Grad.Dip./M.Sc.)

COURSE CODES 616/617

For further information, see Diploma entry in the Faculty of Engineering and System Sciences above.

MAGNETIC RESONANCE IMAGING TECHNOLOGY (P.Grad.Dip.)

COURSE CODE 644

Course Co-ordinator: Ms Bernadette Moran

Duration: One year, part-time (Fridays)

Closing Date: 31 July 2006. Two references are required upon application. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-809 2798

Fax: +353-1-809 2943

Email: lmalone@iol.ie

Internet: www.tcd.ie/Clinical_Medicine/courses/cmpgc.html

This course is aimed at qualified radiographers and it is intended to provide a general education in the practice of magnetic resonance imaging. It is designed to give a solid academic basis in the understanding of imaging theory and a high level of practical experience in MRI techniques and in safe use of imaging and associated equipment.

The course incorporates both taught and practical components, with the taught

component forming a substantial part of the course. Practical clinical experience is gained either in the candidate's own department or via a clinical placement.

To be eligible for consideration applicants must have a degree in Radiography or the Diploma of College of Radiographers (London) in Diagnostic or Therapeutic Radiography, or hold professional qualifications obtained by examination which are recognised to be equivalent to those set out above or otherwise satisfy the Dean of Graduate Studies and Course Admissions Committee that they have the ability to complete and benefit from the course.

An associated M.Sc. in Medical Imaging is available to candidates who have achieved distinction in the postgraduate diploma year or who otherwise satisfy the course committee. Students who are interested in this option forego the award of the diploma and proceed to perform research on a chosen topic to be presented as a dissertation for examination for the degree of M.Sc.

MENTAL HEALTH (P.Grad.Dip./M.Sc.)

COURSE CODE 734

Course Co-ordinator: Mr Michael Brennan

Duration: P.Grad.Dip., one year, M.Sc., two years

Closing Date: 31st March 2006.

Applicants and requests for application forms should be addressed to the Graduate Studies Office, Arts Building, University of Dublin, Trinity College, Dublin 2

Telephone: +353-1-608 3021

Fax: +353-1-608 3001

Email: courtntma@tcd.ie

Internet: www.nursing-midwifery.tcd.ie/courses/postgrad_mscmental.php

This course is offered by the Faculty of Health Sciences in partnership with the National Forensic Service. Students will come from a variety of backgrounds including nursing, medicine, occupational therapy, social work, legal, Garda Síochána, psychology, probation and prison services. The aim of this course is to develop the knowledge, skills and attitudes of the participants, thus enabling them to fulfil their highest potential in both their personal and professional lives. The course enhances the collaboration between disciplines working with individuals with mental health problems. It is designed to provide an academically robust education for the participants and the various modules offered complement subjects undertaken at degree or 'equivalent' level. The course takes place over two academic years on a part-time basis. Students

may opt to exit the course on successful completion of year one and receive the award of a Postgraduate Diploma in Mental Health. They may not re-enter this programme at a later date to complete a year two to be awarded the Masters degree. Entry into the M.Sc. year can only be achieved through successful completion of all components of the postgraduate diploma year. If the student wishes to proceed to year two they must forfeit the Postgraduate Diploma and exit on successful completion of year two with the award of the M.Sc. in Mental Health. Masters students are required to attend the University for one full study week at the commencement of the course and continue to attend for the equivalent of one day of study per week for both years. Subject to notice other study days may be necessary.

Students on this course are recognised as practising professionals with a resource of practice and educational skills and knowledge that will enhance their learning at this advanced stage of their personal and professional pathway. Throughout the programme a variety of student-focused teaching strategies is used, including co-operative learning, self-directed learning and experiential learning methods. Interdisciplinary sharing of knowledge and perspectives is encouraged and rewarded. Students' past experiences are valued and integrated as a rich source of reflection

and learning. Feedback and support are tailored to meet the individual needs of the student.

Students are enabled to reflect, inquire, critique, problem solve, evaluate and debate professional and practice issues in an academically robust manner. Graduates of this programme, in applying their learning, can be expected to provide high quality care, leadership and education and to promote and develop excellence in their practice setting.

MIDWIFERY (P.Grad.Dip.)
COURSE CODE 648

Course Co-ordinator: Mr Colm O'Boyle

Duration: Two years, full-time

Closing Date: 31 March for April entry and 30 September for October entry each year (September only in Drogheda).

Application: Applications should be made to the Director of Midwifery, the Rotunda Hospital

Telephone: +353-1-873 0700

or to Ann O'Neill, Recruitment Section, Human Resource Department, Our Lady of Lourdes, Louth/Meath Hospital Group, (NEHB), Drogheda

Telephone: +353-41-987 4738

Internet: www.tcd.ie/Nursing_Midwifery/ or www.rotunda.ie or www.nehb.ie

Two programmes are available. A programme is taught by the School of Midwifery, the Rotunda Hospital, Dublin and another by the Regional School of Midwifery, Our Lady of Lourdes, Louth/Meath Hospital Group, North Eastern Health Board (NEHB), Drogheda, both in association with the School of Nursing and Midwifery. The programmes are designed to develop midwives with the knowledge, skills and attitudes necessary to become competent, analytical and reflective practitioners, thus enabling them to provide care in a manner that benefits women and their families.

Enquiries should be directed to Deirdre Daly, Principal Midwife Teacher, School of Midwifery, The Rotunda Hospital.

Email: ddaly@rotunda.ie or

Jean McMahan, Principal Midwife Teachers, School of Midwifery, Our Lady of Lourdes, Louth/Meath Hospital Group, (NEHB), Drogheda.

Telephone: +353-41-983 7601, Ext 2198,

Email: jean.mcmahan@nehb.ie

Or School of Nursing and Midwifery, 24 D'Olier Street Dublin 2

Telephone: +353-1-608 3923

Email: midwifery.info@tcd.ie

MOLECULAR MEDICINE (P.Grad. Dip/M.Sc.)

COURSE CODE 725/258

Course Co-ordinators: Dr Ross McManus, Prof. Mark Lawler, Dr Aideen Long, Dr Henry Windle and Dr Yuri Volkov.

Duration: One year, part-time

Closing Date: 30 April 2006 (late applications may be considered if places remain available after the closing date). Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-608 3157

Email: molec.medic@tcd.ie



Internet: www.gen.tcd.ie/molmed or www.bioinf.org/molmed/

This programme aims to provide participants with an in-depth understanding of the emerging field of molecular medicine, which draws together developments in molecular and cellular biology to describe disease processes at a functional level – that is, at the level of molecular interactions. The Diploma in Molecular Medicine is designed to make available a high quality course to those individuals who cannot avail of a full-time programme, due to the high demands it makes on a candidate's time. The diploma may therefore be an attractive option for, among others, people working in business, clinical industry, or other disciplines, who wish to gain a comprehensive knowledge in this area with a view to progressing professionally, or going on to do a higher degree.

This programme offers a comprehensive and thoroughly up-to-date overview of the area, which provides participants with the skills necessary to critically evaluate the literature and understand the central concepts of molecular medicine, such as the molecular basis of human disease and its implications for the practice of clinical medicine and research in the life sciences. The course includes lectures on cellular biology and molecular genetics as they apply generally

to normal cell and tissue function and to disease processes. Advanced modules cover topics such as molecular oncology, signalling, development and therapeutics, immunology and infectious agents among others. A selection of modules on issues such as bioinformatics, research methodology, statistics and ethical-legal aspects of the discipline may be undertaken on an optional basis.

Students choose a minimum of 10 units totalling a minimum of one hundred contact hours teaching. Students are also required to complete a written review of a relevant part of the literature. Students are examined on the basis of the submitted critical literature review essay, and written examinations of the modules taken. Examinations are undertaken at the end of each term.

Candidates should normally have a minimum of a 2.1 honors degree or equivalent in a biological science; a clinical science such as medicine, dentistry or veterinary; a pharmaceutical science such as pharmacy, or related area. However individuals with other appropriate or industrial experience (for example those working in the life sciences sector) will also be considered. The candidate may be interviewed to establish his/her suitability for the course.



NUCLEAR MEDICINE (P.Grad.Dip.) COURSE CODE 261

Course Director: Dr Patrick Freyne

Course Co-ordinator: Ms Bernadette Moran

Duration: One year

Closing Date: 31 July 2006. Two references are required upon application. Applications should be addressed directly to Ms Dara O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Internet: www.tcd.ie/Clinical_Medicine/courses/cmpgc4.html

The course is designed to train qualified radiographers in the practice of nuclear

medicine imaging and to provide patients and healthcare services with an ongoing source of excellence in this specialty. The course curriculum is developed to ensure that students attain an appropriate level of knowledge and experience in the following areas of nuclear medicine imaging: (a) academic and theoretical knowledge, (b) clinical and practical experience and (c) organisational and management experience. The radiographer would thus be able to adapt and change as knowledge inevitably develops in this progressing field.

The Diploma course incorporates both taught and practical components with the taught component forming a substantial part of the course.

An associated M.Sc. in Medical Imaging is available to candidates who have achieved distinction in the postgraduate diploma

year or who otherwise satisfy the course committee. Students who are interested in this option forego the award of the diploma and proceed to perform research on a chosen topic to be presented as a dissertation for examination for the degree of M.Sc.

ONCOLOGICAL NURSING (P.Grad.Dip.) COURSE CODE 665

Course Co-ordinator: Ms Mary Mooney

Course Leader: Ms Mary MacMahon, St Luke's Hospital

Duration: One year, full-time

Closing Date: 28 February 2006. Applications and enquiries should be made to Ms Mary MacMahon, Nurse Education Co-ordinator, St. Luke's Hospital, Highfield Road, Rathgar, Dublin 6.

Telephone: +353-1-406 5223

Email: mooneyma@tcd.ie or mary.macmahon@slh.ie

Telephone: +353-1-608 3105

This programme which is taught by the School of Nursing, St. Luke's Hospital, in association with the School of Nursing and Midwifery aims to:

- Develop a competent proactive professional with a heightened sensitivity to the many physical and

psychological components of individual reactions to health, illness and particularly cancer

- Provide the registered nurse with the knowledge, skills and attitudes necessary to provide an holistic approach to caring for the patient diagnosed with cancer
- Facilitate the registered nurse to develop into a more caring, reflective and enquiring practitioner, capable of planning, implementing and evaluating care based on researched, scientific theory.

PAEDIATRIC NURSING (P.Grad.Dip.) COURSE CODE 646

Course Co-ordinator: Ms Mary Mooney

Duration: 18 months, full-time

Closing Date: 28 February for April entry and 31 July for October entry each year. This course is currently taught in the College of Nursing at Adelaide and Meath Hospital, Dublin, incorporating the National Children's Hospital, at Tallaght in association with the School of Nursing and Midwifery.

Applications should be made to the Matron, the Adelaide and Meath Hospital, Dublin, incorporating the National Children's Hospital at Tallaght. Enquiries should be directed to Ms Carole King,

College of Nursing, Tallaght Hospital.

Telephone: +353-1-414 2856

Email: mooneyma@tcd.ie

Telephone: +353-1-608 3938

Internet: www.tcd.ie/Nursing_Midwifery/courses/postgrad/conjnt/pgdippaed.rscn.html

The course aims to develop and expand knowledge, skills and attitudes in nurses towards infants, children and their parents and family, as a unit in society. The course is designed to equip nurses to deliver primary health care, acute, rehabilitative and palliative care as required and to foster the process of continuing education and research in paediatric nursing practice.

Students must be registered, or be eligible to register, in one of the three disciplines in nursing- general, psychiatry, intellectual disability nursing and 6 month's post registration experience since initial registration is desirable.

PHARMACEUTICAL ANALYSIS (P.Grad.Dip./M.Sc.) COURSE CODE 634/633

Participants initially enter at diploma level. For more details see entry on M.Sc. above.

PHARMACEUTICAL MANUFACTURING TECHNOLOGY (P.Grad.Dip./M.Sc.) COURSE CODE 202/635

Course Co-ordinator: Ms Lorna Loughrey to whom all enquiries should be made.

Duration: Two years, part-time

Closing Date: 31 July for admission in the following January. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2811/2812

Fax: +353-1-608 2813

Email: dippmt@tcd.ie

Internet: www.tcd.ie/Pharmacy/courses/msc_maunfac.php

The Postgraduate Diploma course is presented in a distance learning form and extends over two years. Participants should be in full-time employment either in the pharmaceutical industry or with the pharmaceutical regulatory authority at the time of application and for the duration of the course.

Course content is specified in Human and Veterinary Directives 2001/83/EC and 2001/82/EC. Participants receive nine module books in each year of the course. The general areas covered are: pharmaceutical, medicinal and analytical chemistry; pharmaceutical processing

and drug action, uses and assessment. Participants must also undertake a number of manufacturing facility visits. The Postgraduate Diploma is recognised by the Irish Medicines Board as fulfilling the educational requirements related to registration as a 'Qualified Person'. Students who are eligible to progress to a M.Sc. degree, generally undertake a dissertation in the second year of the course.

PHARMACEUTICAL MEDICINE (P.Grad.Dip.)

COURSE CODE 707

Course Director: Dr Mary Teeling

Course Co-ordinator: Dr Mary Jo MacAvin

Duration: 18 months, part-time.

Closing Date: 30 June. Applications should be addressed directly to Ms Dara



O'Mahony, School of Research and Postgraduate Education, Trinity Centre for Health Sciences, St. James's Hospital, Dublin 8.

Telephone: +353-1-608 3556/3557

Email: omahoned@tcd.ie

Telephone: +353-1-410 3671

Fax: +353-1-473 0596

Email: teelingm@tcd.ie or cact@stjames.ie

Internet: www.tcd.ie/Pharmacology_Therapeutics

There is a separate entry on admission to the M.Sc. in Pharmaceutical Medicine above.

This course is administered by Pharmacology and Therapeutics, in association with the Centre for Advanced Clinical Therapeutics, St James's Hospital, Dublin. It has been developed to provide medical graduates with specialist knowledge and skills in the area of clinical pharmacology and pharmaceutical medicine. In-take is on an annual basis.

Components of the course include principles of:

- Pharmacology and biostatistics
- New drug development and the regulatory environment
- Pharmacoeconomics and rational use of drugs

■ Pharmacovigilance and drug information

The course has a modular format and runs over five terms on a part-time basis (approximately two modules per term). The course consists of formal teaching and personal assignments. Some of the modules are undertaken by way of distance learning. Students are assessed by way of continuous assessment and are required to pass written and oral examinations at the end of their course.

Prospective students for the postgraduate diploma must hold a primary degree in medicine and must have a minimum of two years' general medicine experience post-registration. Ideally, candidates should have practical experience in pharmaceutical medicine (via employment in the pharmaceutical industry/contract research organisation, regulatory authority or academia).

The course will be run in the William Stokes Postgraduate Centre/Trinity College Health Sciences Building, St. James's Hospital, Dublin 8.

PHYSICAL SCIENCES IN MEDICINE (P.Grad.Dip./M.Sc.)

COURSE CODE 650/178

Course Co-ordinator: Dr Neil O'Hare

There is a separate entry on admission to the M.Sc. in Physical Sciences in Medicine.

PROFESSIONAL MIDWIFERY STUDIES (P.Grad.Dip./M.Sc.)

COURSE CODE 718/605

Course Co-ordinator: Ms Margarita Corry

Duration: One year, part-time

Closing date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608-3008

Fax: +353-1-473 2984

Email: corrym@tcd.ie

Internet: www.tcd.ie/Nursing_Midwifery/pgdiploma.html

This course aims to strengthen and develop the knowledge, skills and attitudes of the midwives attending, thus enabling them to fulfil their highest potential in both their personal and professional lives. The modules offered are firmly grounded in a body of knowledge that aims to promote excellence in the participant's area of practice. They are designed to provide an academically robust education for the participants by developing and complementing subjects undertaken at certificate, diploma and degree level. The programme is a part-time modular programme consisting of five modules. Students who successfully complete the five modules may choose to forfeit the

Postgraduate award and progress to the second year of the Masters in Nursing Programme. Classes are mainly held in the School of Nursing and Midwifery Studies, D'Olier Street and Trinity College campus.

PROFESSIONAL NURSING STUDIES (P.Grad.Dip./M.Sc.)

COURSE CODE 717/604

Course Co-ordinator: Ms Margarita Corry

Duration: One year, part-time

Closing date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608-3008

Fax: +353-1-473 2984

Email: corrym@tcd.ie

Internet: www.tcd.ie/Nursing_Midwifery/pgdiploma.html

This course aims to strengthen and develop the knowledge, skills and attitudes of the nurses attending, thus enabling them to fulfil their highest potential in both their personal and professional lives. The modules offered are firmly grounded in a body of knowledge that aims to promote excellence in the participant's area of practice. They are designed to provide an academically robust education for the participants by developing and complementing subjects undertaken at



certificate, diploma and degree level. The programme is a part-time modular programme consisting of five modules. Students who successfully complete the five modules may choose to forfeit the Postgraduate award and progress to the second year of the Masters in Nursing Programme. Classes are mainly held in the School of Nursing and Midwifery Studies, D'Olier Street and Trinity College campus.

SPECIALIST NURSING (P.Grad.Dip.)

COURSE CODE 649

Course Co-ordinators: Ms Anne-Marie Corroon, Ms Louise McDonnell

Duration: One year full-time

Closing Date: 28 February 2006

Application forms and details of admission requirements should be requested from, and applications should be made to, the Specialist Nursing P.Grad.Dip. Programme,

The School of Nursing and Midwifery, 24 D'Olier Street, Dublin 2.

Telephone: +353-1-608 3892/3005

Email: muldowna@tcd.ie or flynnnci@tcd.ie

Telephone: +353-1-608 3931/3974

Email: annemarie.corroon@tcd.ie

Internet: www.tcd.ie/Nursing_Midwifery/courses/postgrad_pdsn.php

The aim of these courses is to facilitate the qualified nurse working in specialist areas to become a more knowledgeable, analytical, reflective and caring nurse, capable of assessing, planning, implementing and evaluating specialist nursing care based on research and evidence-based practice.

These courses consist of two core modules:

- Research Dissemination in Clinical Practice
- Healthcare Management and Quality Improvement

and four specialist modules. All students must pass the core and specialists component. Students must also complete a clinical component relevant to their speciality strand. All students must pass the required clinical competencies in order to achieve the Postgraduate award.

The admission requirements are as follows:

- Registration as a nurse on the General Division of An Bord Altranais, or eligible for such registration for all general nursing specialists programmes.
- Current registration on the General Nurses Division of An Bord Altranais Live Register or the RSCN Division of An Bord Altranais Live Register for paediatric accident and emergency nursing strand.
- Current registration on the RMHN Division of An Bord Altranais Live Register is required for the dementia care for persons with intellectual disability strand.
- Current registration on the Registered Psychiatric Nurses Division of An Bord Altranais Live Register is required for the care of the client with severe and enduring mental illness strand.
- Two years post-registration experience since first registration
- Twelve month's experience in the appropriate speciality at the time of application
- Candidates must fulfil one of the following entry criteria:
 - Diploma in Nursing Studies or equivalent Nursing Diploma, or
 - Have successfully completed the TCD Access to Nursing Degree programme of equivalent, or

- Evidence of study to Diploma Level equivalent in a subject allied to Health Care, or
- Satisfy the selection committee that they have the academic ability to successfully complete the programme.

These programmes are taught in partnership between the School of Nursing and Midwifery and the associated Health Service Providers.

The following are the names of the Specialist strands currently being provided and the names of the associated Health Service Providers:

- Accident and emergency nursing (St James's and AMNCH)
- Promoting enablement in persons with physical disability (St Mary's Hospital Phoenix Park)
- Burns plastics and oro-maxillofacial nursing (St James's)
- Dementia care for persons with intellectual disability (National Federation of Voluntary Bodies, St Francis Hospice)
- Coronary care nursing (St James's and AMNCH)
- Intensive care nursing (St James's and AMNCH and Naas)
- Orthopaedic nursing (AMNCH)

- Paediatric accident and emergency nursing (AMNCH)
- Renal nursing (AMNCH)
- Care of persons with severe and enduring mental illness (St Patrick's Hospital and the Health Service Executive Western and East Coast Areas)
- Haematology nursing (St James's)
- Peri-operative nursing (St James's and AMNCH)
 - Advanced Anaesthetic/Recovery
 - Advanced Paediatric (AMNCH only)
 - Advanced Surgical

Enquiries should be made to the following:

General nursing specialist strands in St James's Hospital, www.stjames.ie

Ms Barbara Garrigan, Director of Centre for Nurse Education, St. James's Hospital, Dublin 8

Telephone: +353-1-416 2202

Email: bgarrigan@stjames.ie or

General nursing specialists strands in Adelaide and Meath Hospital, Dublin, incorporating the National Children's Hospital (AMNCH), www.amnch.ie

Ms Mary Cotter, Principal Tutor/Specialist Co-ordinator, College of Nursing/Centre

for Nurse Education AMNCH, Tallaght, Dublin 24

Telephone: +353-1-414 2857

Email: mary.cotter@amnch.ie or

Dementia care for persons with intellectual disability

Ms Kay Downey Ennis, St Vincent's Hospital, Navan Road, Dublin 7

Telephone: +353-1-824 5409 or +353-1-824 5419

Email: k.ennis@doc-central.ie or

Ms Mary Mooney, TCD Course Co-ordinator, School of Nursing and Midwifery, 24 D'Olier Street, Dublin 2.

Telephone: +353-1-608 3938

Email: mooneyma@tcd.ie

Haematology nursing

Ms Colette Healy, Clinical Facilitator, HOPE Directorate, St James's Hospital, Dublin 8

Telephone: +353-1-416 2301

Email: chealy@stjames.ie or

Ms Anne-Marie Corroon, Course Co-ordinator, School of Nursing and Midwifery, 24 D'Olier Street, Dublin 2

Telephone: +353-1-608 3974

Email: annemarie.corroon@tcd.ie

Promoting enablement in persons with physical disability, severe and enduring mental illness

Annie-Marie Payne, Nurse Tutor, St. Mary's Hospital, Phoenix Park, Dublin 20

Telephone: +353-1-677 8132

Email: annemarie.payne@mailc.hse.ie or

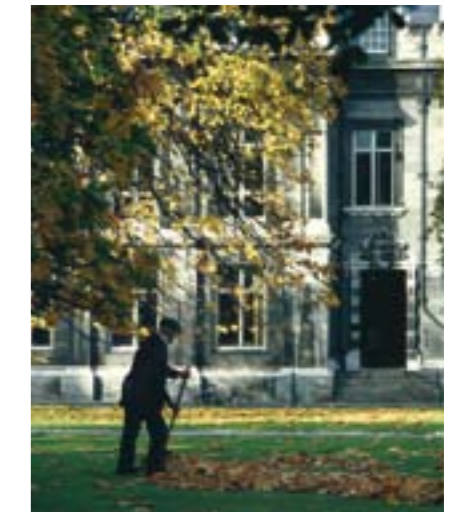
Ms Anne-Marie Corroon, details as above.

Severe and enduring mental illness (St. Patrick's Hospital, Health Service Executive South Western and East Coast Areas) Sinead Frain, Clinical Facilitator, Block E, Westland Park, Nangor Road, Dublin 12.

Telephone: +353-1-460 9690

Email: sinead.frain@mailm.hse.ie or

Ms Anne-Marie Corroon, details as above.





FACULTY OF SCIENCE

School of Biochemistry and Immunology

Head of School: Professor Luke O'Neill

Director of Teaching and Learning (Postgraduate): Dr Tim Mantle

Telephone: +353-1-608 1608

Fax: +353-1-677 2400

Email: mpsullvn@tcd.ie

Internet: www.tcd.ie/Biochemistry/postgrad_info.html

The School of Biochemistry and Immunology has as its focus research into several aspects of protein structure and function, effects of genetic polymorphism on metabolism, neurochemistry, molecular enzymology, cell and molecular biology, cellular and molecular immunology, innate immunity and inflammation, immunomodulation and parasitology. The School currently holds over €30m in research grants (SFI Programme Grants to Kingston Mills and Luke O'Neill, SFI investigator grants to Tim Mantle, Keith Tipton, Amir Khan, Andrew Bowie and Danny Zisterer; Ireland's first Wellcome Senior Fellowship in Basic Science to Derek Nolan and NIH programme Grants to John Scott and Keith Tipton) and is equipped to a very high standard. We have an in-house protein X-ray crystallography

facility, FACScan, Taqman, confocal microscope, DNA sequencer, molecular graphics facility, cell-culture suites, computer rooms and MALDI ToF and QTRAP mass spectrometers. We are well equipped with sophisticated spectroscopy instruments including double beam and stopped-flow spectrophotometers, as well as stopped-flow fluorimetry and stopped-flow CD. In partnership with the School of Chemistry we are currently installing a 600MHz nmr spectrometer with a cryoprobe attachment to allow structural protein nmr studies. We have recently installed a new bio/chemical hazards' suite.

The School of Biochemistry and Immunology (SBI) is housed in two buildings, the Wellcome Trust building

and the Biotechnology Institute linked by the Bailey bridge. The School collaborates internationally on a large scale and has links to the Irish and International Biotechnology and Pharmaceutical sectors. Information on specific research projects, studentships and current vacancies can be found on the website for the School listed above.

We encourage applications from suitably qualified graduates to join the School to study for a research degree. Students register initially for a M.Sc. and may then apply (normally after 15 to 18 months) to transfer to the Ph.D. register. A Committee examines the students Transfer Report, in conjunction with a short research presentation, to determine that the "bones" of a thesis are there and that future work is clearly mapped out. If this is not the case detailed suggestions are made to help get the student to this position as soon as possible.

We are looking at a number of Postgraduate Courses (some in collaboration with other Schools) to form part of the Postgraduate experience in the SBI.

School of Chemistry

Head of School: Professor John Corish

Director of Teaching and Learning (Postgraduate): Professor John Kelly

Telephone: +353-1-608 1726

Fax: +353-1-671 2826

Email: chemdept@tcd.ie

Internet: www.tcd.ie/Chemistry

The School of Chemistry with 20 academic staff members and 61 postgraduate research students conduct experimental research in the following areas: organic synthesis, medicinal chemistry, co-ordination and organometallic chemistry, electrochemistry, photochemistry, surface chemistry and supramolecular chemistry. Several research teams are active in the area of computational chemistry and in materials chemistry including polymer science and nanomaterials.

A number of research groups are based in the main building and others are housed within the Sami Nasr Institute of Advanced Materials (SNIAM). A state-of-the-art CCD single crystal diffractometer and a Jasco circular dichroism spectrometer are also located in SNIAM. The area possesses a high-resolution electrospray mass

spectrometer and two high-field NMR spectrometers (300 and 400 MHz). The Computational Chemists are moving to the Institute for Information Technology and Advanced Computation (IITAC) which will also house the College's High Performance Computing (HPC) Centre and facilities in the INS Building.

Research income is earned from national, international and commercial sources and the area has held grants in all of the relevant research programmes funded by the EU. Research work is also supported through Science Foundation Ireland funded initiatives. Several groups are involved in networks of European laboratories, often as co-ordinators. The College also fosters an interdisciplinary approach to research and there are strong links with colleagues in the physical,



technological and biological sciences throughout the College. For example there is an extensive overlap of interests with the area of Physics, especially in surface and solid-state science, polymeric and optical materials, and with the Institute of Molecular Medicine on Anti-tumour Drugs. Collaboration with the area of Pharmacy has resulted in the development of novel drug delivery systems that have been commercialised.

School of Mathematics

Head of School: Professor Samson Shatashvili

Director of Teaching and Learning (Postgraduate): Dr Richard Timoney

Telephone: +353-1-608 1889

Fax: +353-1-608 2282

Email: mathdep@maths.tcd.ie

Internet: www.maths.tcd.ie

Postgraduate study in the School of Mathematics offers students a range of subjects in pure mathematics, theoretical physics, and interdisciplinary subjects such as bioinformatics and neuroscience. The School is small and the setting is informal which encourages close contact with staff, postdoctoral fellows, visiting scholars and fellow postgraduate students. The workshops and guests of the School's Hamilton Mathematics Institute (www.hamilton.tcd.ie) in addition to its joint seminars with the School of Theoretical Physics of the Dublin Institute for Advanced Studies and TCD's three neighbouring universities provide a stimulating intellectual backdrop to a student's stay at TCD.

Postgraduate students in the School may read for a Ph.D. or M.Sc. degree by research. They may also pursue a one-year, full-time taught course in High-Performance Computing. There are no formal course requirements for those pursuing a degree by research. Prospective students are expected to possess a good honors degree (i.e. an upper second class at least) and to have the necessary background to pursue advanced study in their chosen field of research.

The School has two research groups as listed below:

Pure Mathematics: The main thrust is in analysis, especially partial differential equations, and also operator algebras, operator theory and complex analysis.

Partial Differential Equations

- Prof. Adrian Constantin: Nonlinear partial differential equations, dynamical systems;
- Hyung Ju Hwang: Partial differential equations with applications to physics and biology such as fluid mechanics, plasma physics, cell biology;
- Paschalis Karageorgis: Hyperbolic nonlinear partial differential equations, especially nonlinear wave and Schrödinger equations. Problems of existence and qualitative properties of solutions;
- John Stalker: Hyperbolic partial differential equations, especially those systems which are of particular physical interest. Mostly these are the Einstein equations of general relativity, but also the Euler equations of fluid mechanics and the equations governing nonlinear elasticity.

Functional analysis

- Donal P. O'Donovan: C^* -algebras, especially K -theory;
- Richard M. Timoney: Operator spaces, complex analysis.

Complex analysis and geometry

- Dmitri Zaitsev has interests including several complex variables (CR geometry), real and complex algebraic geometry, symplectic geometry and Lie group actions.

Algorithms

- Colm Ó Dúnlaing works on the theory of computation, algorithm design, computational complexity, and computational geometry.

History of Mathematics

- David Wilkins works on the history of mathematics, concentrating on the work of Hamilton and contemporaries of the 19th century.

Theoretical Physics research groups focuses on the String Theory Lattice Quantum Chromodynamics and Bio-Mathematics.

String Theory: This is one of the most active areas of research in physics and mathematics, lying at the frontier of both sciences. Briefly, it is an attempt to find a unified theory of fundamental interactions, including gravity.

The group's research concentrates on mathematical aspects of string theory with special emphasis on geometric problems and methods. The group is a member of the Marie Curie Forces Universe European network.

- Sergey Cherkis: string theory, supersymmetric gauge theories, integrable systems, supergravity solutions, and quaternionic geometry;

- Anton Gerasimov (HMI Senior Research Fellow): conformal and topological field theory, special geometry, integrable systems;

- Conor Houghton: gauge theory, solitons and instantons, hyperkahler geometry;

- Calin Lazaroiu: Calabi-Yau compactifications, homological mirror symmetry, topological string field theory, algebraic geometry;

- Siddhartha Sen: gauge theory, statistical mechanics, string theory;

- Prof. Samson Shatashvili: Donaldson and Seiberg-Witten theory, special geometry, string field theory, topological strings.

Further information can be found on the group's homepage: www.maths.tcd.ie/~string.

Lattice Quantum Chromodynamics: By discretising QCD onto a space time lattice one can make the analytically insoluble equations governing the dynamics of gluons and quarks susceptible to numerical investigation and obtain results that are of direct relevance to tests of the Standard Model of elementary particles.

The group uses novel discretisation and algorithmic ideas to access a wide range of physics. The leading staff in this area are Dr Mike Peardon who focuses on Monte Carlo techniques, algorithms for simulating quantum field theories, anisotropic lattices, glueballs, hybrids and exotics, strong decays; and Dr Sinead Ryan with an interest in heavy quark physics, strong and weak decays, CKM and Standard Model phenomenology, novel lattice discretisations.

Bio-Mathematics is represented by Dr Nigel Buttimore, Dr Conor Houghton and Dr Hyung Ju Hwang whose interests are bioinformatics and the study of the Markov processes and algorithms that describe the evolution of the nucleotide base and amino acid residue sequences of DNA and proteins and computational neuroscience and the auditory processing in the frontal cortex as an arena for studying signal decomposition and attention modulation in the brain.



School of Natural Sciences

Head of School: Professor David Taylor

Director of Teaching and Learning (Postgraduate): Dr Kenneth Irvine

Telephone: +353-1-608 1581

Email: taylor@tcd.ie

Telephone: + 353-1-608 1926

Email: kirvine@tcd.ie

Internet: www.naturalscience.tcd.ie

The School of Natural Sciences comprises the departments of Botany, Geography, Geology, Zoology and the Centre for the Environment. The School accommodates a significant grouping of internationally recognised biological, physical and social scientists comprising approximately 40 academic staff, 20 postdoctoral research fellows and over 100 graduate research students. Current research interests in the School include biological systems and the interactions between organisms and their environment, at scales ranging from the molecule to the ecosystem; geological systems; Earth history and landscape-forming processes, including the interactions between human activities and the environment; and human systems, incorporating cultural,

economic, historical, social and political areas. A large proportion of this research is funded through external grants that totalled more than €2 million in 2004. The School also supports a long-standing and highly successful taught Master of Science (M.Sc.) degree in Environmental Sciences. The School has excellent facilities for postgraduate research, teaching and learning, including: well-appointed laboratories (for the examination of, for example, low molecular weight stable isotopes, DNA sequences, plant growth rates under different conditions and digital spatial data), seminar rooms and offices; an internationally recognised herbarium; a range of field equipment and several field vehicles. Postgraduate students registered in the School also enjoy direct access to

central University facilities, including high specification computers linked to the Internet and electron microscopes, and excellent library resources.

The research interests of many staff in the School overlap, are often international in their scope and target a broad range of topics such as: atmospheric and earth processes (including climate and sea level changes, global palaeogeography); biological diversity and conservation (from the molecular to the level of whole ecosystems); biotic responses to environmental changes (e.g. the origins and evolution of past faunas and floras and their responses to environmental changes); contemporary and historical urban and regional analysis; development and environment (including policy and planning aspects, human vulnerability and links between parasite-borne diseases and environment); environmental archaeology (past interactions between people and their environment); geoinformatics (including modeling); geomorphic hazards (including landslides and volcanic eruptions); and resource exploration and exploitation. Because of the dynamic nature of research, research groupings and the interests of individual researchers



in the School change from time to time. Consequently those interested in pursuing a research degree (masters or doctorate) should first consult the School's website (address above) for up-to-date information on the research interests of individual and groupings of members of academic staff in the School. Our staff includes the Director of Research, Prof. Mike Jones who can be contacted on +353-1-608 1769 or via email at mike.jones@tcd.ie and our M.Sc. Environmental Sciences co-ordinator, Dr Robin Edwards who can be contacted on +

353-1-608 1713 or via email at edwardsr@tcd.ie.

The taught M.Sc. degree in Environmental Sciences, as the first of its kind in Ireland, has an established pedigree, attracting students with diverse academic backgrounds from Ireland and abroad. Previous graduates have been instrumental in the development of environmental protection and management in Ireland and farther afield, with many now holding senior Government and European posts. More recently the Environmental

Protection Agency, Ireland and the Environmental Protection Agency, USA have been major employers of graduates from the M.Sc. course. The topical nature of the M.Sc. means that it is updated each year, and those considering applying for a place on the taught M.Sc. degree are strongly advised to check the School's webpages for the most up-to-date details on the course, and for information on other taught postgraduate opportunities in the School that are currently under discussion.

School of Physics

Head of School: Professor James Lunney

Director of Teaching and Learning (Postgraduate): Dr Stefano Sanvito

Telephone: + 353-1-608 1675

Fax: +353-1-671 1759

Email: physics@tcd.ie

Internet: www.tcd.ie/Physics

The School of Physics with about 25 staff members, 60 postdoctoral researchers and over 100 Ph.D. students is the largest school of physics in Ireland. The main research area is concentrated on Materials Science and Nanotechnology with activities ranging from magnetism, to functional materials, to surface science, to materials modelling. There are also research groups working on soft-condensed matter, optoelectronics and astrophysics, making the School an exciting and vibrant academic environment. Several staff members of the School have research programmes in the new Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN). This is a highly interdisciplinary center jointly funded by Science Foundation Ireland, Trinity College Dublin and private sponsors. CRANN

provides several new state of the art facilities required to explore the world of nanoscience.

The School has an annual research budget of €10 million and registers about 30 new postgraduate research students every year. Typically, for these students, the School provides financial support to cover living expenses and College fees. The School organizes research training and educational activities for all its postgraduate students. Graduate students are actively engaged in the life of the School and make an important contribution to its success. Regular seminar series, induction courses and technical training are among the various activities offered to the students. Initially all the research students register on the Masters programme and then transfer

to the Ph.D. register within the first year and a half. Typically a Ph.D. degree takes between three and four years, while a M.Sc. takes between one and two years. Research graduates from the School of Physics are in much demand from universities and high technology industry, both in Ireland and abroad.

The School of Physics has a long and distinguished history of teaching and research. Richard Helsham, appointed in 1724 as the original Erasmus Smith Professor of Natural and Experimental Philosophy, was the first to lay out Newton's methods in a form suitable for the undergraduate. More recent chair holders include G.F. Fitzgerald, famous for the Lorentz-Fitzgerald contraction, and E.T.S Walton, the only Irish recipient of a Nobel Prize in Science. This tradition is maintained today through a very successful research programme and high profile degree courses. Three professors in the School of Physics are Fellows of the Royal Society (Prof. J.M.D.Coe, Prof. D.Weaire and Prof. J. Pethica).

The international reputation of the School is based on several recent research achievements that include, the

discovery of magnetic order in graphite from meteors, the developments in the fabrication and use of carbon nanotubes, breakthroughs in light amplification by fibres and waveguides, the synthesis and characterization of novel diluted magnetic semiconductors, the development of advanced computational methods for quantum transport in atomic structures, the investigation of static and dynamical

properties of foams. The design of the aquatic centre for the Beijing Olympic Games in 2008 was inspired by the Weaire-Phelan structure for the most efficient filling of 3-dimensional space, which was discovered in College.

The School maintains a dense network of international collaborations in Europe, US and Japan. Students exchange and

extended visiting periods abroad are not unusual during the duration of a Ph.D. degree, and contribute to widen the student knowledge and experience. The School's Ph.D. students come from all the continents and create a cosmopolitan and vibrant working environment.



Vice-Deanery of Genetics and Microbiology

Vice-Dean: Professor David McConnell

**Director of Teaching and Learning
(Postgraduate):**

Professor Seamus Martin

MICROBIOLOGY

Academic Staff Contact:

Professor Cyril Smyth

Telephone: +353-1-608 1195

Fax: +353-1-679 9294

Internet: www.tcd.ie/Microbiology

Microbiology carries out basic and applied research in the area of molecular and cell biology of infectious diseases caused by bacteria, viruses, fungi and parasites. The work aims to elucidate the mechanisms by which pathogenic agents infect the host and evade host defences. Currently, there are 11 members of academic staff and 32 research postgraduate students.

Housed in the Moyne Institute of Preventive Medicine, a building funded privately by the Normanby Trust, the area is fully equipped to support research in modern molecular microbiology. Research is funded by the Wellcome Trust and other medical charities, the EU, the Health

Research Board, Enterprise Ireland, and by industry. There is a large and very active research community of academic staff, senior research fellows, postdoctoral fellows and graduate students. Also offered is a seminar programme of international speakers. The student Microbiological Society also organises a series of lectures by visiting speakers each year.

Research programmes investigate how prokaryotic, eukaryotic and viral pathogens regulate the expression of virulence factors required for successful infection, how they colonise different niches within the host, and how this information can be used to identify microbial targets which might be exploited to prevent or cure infection, either through rational design of drugs or vaccine development.

Graduate students intending to pursue a Ph.D. first serve a probationary period on the M.Sc. register, and are transferred to the Ph.D. register following satisfactory performance in the graduate education programme. The progress of each student is monitored by a committee of three academic staff members with whom the student meets every six months. Students are strongly encouraged to join

learned societies relevant to their field of research and a departmental journal club to promote self confidence and develop critical skills in dealing with the literature, and to foster an awareness of developments in areas of biology distinct from their potential as scientists to the maximum extent possible.

GENETICS

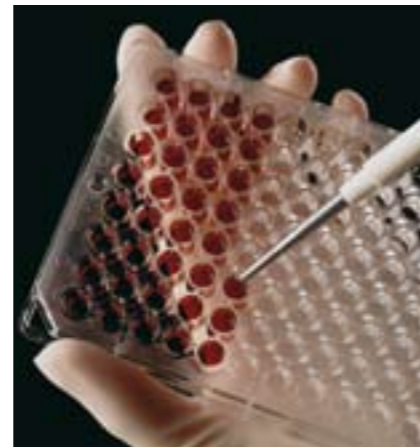
Academic Staff Contact:

Professor Tony Kavanagh

Telephone: +353-1-608 1140

Fax: +353-1-679 8558

Internet: www.tcd.ie/Genetics



Research in Genetics has its origins in molecular, quantitative and population genetics; and the advent of molecular biological technology has opened up many new avenues of genetical research. Research interests can be categorised into the following broad areas: medical genetics, bioinformatics, molecular cell biology, molecular evolution, population genetics, bacterial genetics and plant genetics. Precise details of the research interests of each staff member can be obtained on the Genetics website. Currently, there are 16 members of academic staff and 41 research postgraduate students. Those wishing to study for M.Sc. or Ph.D. degrees in Genetics should contact staff members via the website above.

The Wellcome Ocular Genetics Unit was established in 1992 and has an international reputation for its research on hereditary blindness, especially retinitis pigmentosa (RP). It has identified genes involved in many forms of hereditary blindness including a gene for an autosomal dominant form of RP. It has a research staff of about 20 people and includes a dedicated specific pathogen free (SPF) facility for transgenic mouse research. One of the research aims is to develop novel therapies for forms of inherited blindness.

There is a research group investigating



apoptosis and its association with disease. Interests lie in identifying the signals responsible for inducing the apoptotic pathway and identifying the proteases and other factors that participate in the activation cascade. A particular focus is to identify how lesions in this process lead to human disease. The area has been investigating cattle genetics for more than 30 years; a study recently extended to the structure and origins of the cattle of Europe, Asia and Africa. Related studies are being carried out on the thoroughbred horse and the same DNA techniques are

now being applied to a study of the origins of the peoples of Ireland.

Staff and students have participated in whole genome sequencing projects including those of the yeast, *Bacillus subtilis*, *Arabidopsis* and human. The area has developed expertise in bioinformatics and molecular evolution, especially yeast evolution. In addition, there is a major research effort in understanding genome structure and evolution. There are also major projects on functional genomics of *Bacillus subtilis* and *Arabidopsis*.

M.SC. COURSES**ENVIRONMENTAL SCIENCES (M.Sc./P.Grad.Dip.)**

COURSE CODE 169/651

Course Co-ordinator: Dr Kenneth Irvine*Duration:* One year, full-time*Closing Date:* 30 June 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.*Telephone:* +353-1-608 1638*Email:* cenv@tcd.ie*Internet:* www.tcd.ie/Centre_for_the_Environment/esmsc.html

This full-time, intensive degree course is of honors standard and is intended for established administrative and scientific workers and new graduates with an appropriate biological/earth science background. It is divided into two parts; a program of 16 taught modules followed by a five-month research project. There is also the possibility to opt for a diploma course in Environmental Sciences, consisting of the taught modules only.

The course provides students with a wide range of knowledge and skills to apply to the expanding subject of Environmental Science. The course aims to provide a firm scientific understanding

in order to provide the capability to respond to Environmental Regulations and work effectively within the complex discipline of Environmental Management. The course provides a foundation of understanding of current environmental policies and legislation, and builds upon this with practical and theoretical courses that include air pollution, land use, ocean and coastal management, water resources and pollution, conservation management, waste management and environmental sustainability. Theory and practice are closely related to develop field, analytical, and presentation skills. The course provides the opportunity to develop interests in particular areas of environmental sciences through tutorial-type teaching and an extended desk study.

Following successful completion of the taught part of the course students continue on to a closely supervised research project intended to expand on the skills and knowledge base acquired earlier. Previous research projects include: an assessment of the toxicity of acid mine drainage; a review of causes of deforestation of African tropical rain forests; atmospheric heavy metal deposition in Ireland: estimation based on moss analysis; environmental education in the Irish second level school system; the application of settleability tests for the control of activated sludge plants; vulnerability mapping of two Karsitic



spring catchments in County Clare with the aid of geographical information systems (GIS); the sustainability of a car-dependant settlement pattern: an evaluation of rural housing in the Dublin region.

HIGH PERFORMANCE COMPUTING (M.Sc./P.Grad.Dip.)

COURSE CODE 626/714

Course Co-ordinator: Dr Michael Peardon*Duration:* One year, full-time*Closing Date:* 31 July 2006, (late applications may be considered if places remain available after the closing date.) Applications should be addressed directly

to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2

Telephone: +353-1-608 1485*Fax:* +353-1-608 2282*Email:* mjp@maths.tcd.ie*Internet:* www.maths.tcd.ie/hpcmsc

Provided by the School of Mathematics, this is a one year (full time) taught M.Sc. in High Performance Computing. The degree provides practical training in the emerging high performance computing technology sector.

The aim of the course is to train students in practical applications of

high-performance technical computing in industry, finance and research. Course content includes computer architecture, software optimisation, parallel programming, classical simulation and stochastic modelling. Application areas include simulation of physical, chemical and biological systems, financial risk management, telecommunications performance modelling, optimisation and data mining. The course has a number of optional elements, allowing specialisation in application areas.

The course includes a strong practical element. Students have unlimited access to a dedicated teaching computing laboratory, and access to the facilities of the Trinity College Centre for High-Performance Computing, which include large-scale parallel computers. Career opportunities include mathematical modeling, simulation and forecasting, database mining and resource management. The techniques covered during the year will allow students to work in advanced software development including parallel and concurrent software applications. High-performance technical computing methods are becoming increasingly widespread in research into mathematics, physics, chemistry and biotechnology, engineering and finance, providing a wide range of options for the student wishing to go on to further research.



FACULTY OF
SOCIAL AND
HUMAN SCIENCES

School of Business

Head of School: Dr Gerard McHugh

Director of Teaching and Learning (Postgraduate): Professor Paul Coughlan

Telephone: +353-1-608 2707

Fax: +353-1-679 9503

Email: school.of.business.studies@tcd.ie

Internet: www.business.tcd.ie

The School of Business offers a range of postgraduate programmes for research degree students and for experienced managers. The School comprises some 20 full-time, 5 part-time, academic staff, 60 research students and 120 students following taught courses. The School's vision is of a university business school dedicated to learning about managers, organisations and markets through a critical, multi-disciplinary, international, senior management, whole enterprise orientation that is research based and works as a community of learning. This community involves staff, students, peers and professionals. The School works towards providing leadership in the market for ideas and strives to be known for its competence and contribution in selected niche area/s of knowledge creation, application and pedagogy.

POSTGRADUATE RESEARCH DEGREES

The School offers outstanding students the opportunity to pursue advanced research, leading to the M.Litt. or the Ph.D. degree. Trinity College Dublin has a long history as a leading research University. The Research Degree Programme at the School of Business is focused on educating and training postgraduate students for careers in business research and in international business schools. The Programme is offered almost exclusively on a full-time basis. Part-time study is limited, typically, to academic staff at third-level Irish educational institutions, or to individuals who are working in a research environment.

Educational Objectives - The Research Degree Programme aims to develop:

- an advanced understanding of the philosophies, theories, principles, assumptions, concepts, practices and language of research methods;
- a sound appreciation of techniques, strategies, models, methods, tools, analytical procedures, processes, complexities, trade-offs, paradoxes, conventions, and difficulties relevant for individual research projects;
- relevant skills in identifying or developing research topics, research questions, key concepts and constructs, operational definitions, and testable hypotheses;
- abilities necessary to conceive, plan, conduct, and communicate rigorous, valid and ethical research; and
- abilities necessary for critically analysing, evaluating and critiquing ongoing or completed research projects.

Outline Programme - The School envisages the M.Litt. as a two-year full-time process and the Ph.D. as a four year full-time process.

The Graduate Research Seminar is scheduled weekly during the Academic

Year. It is designed to cover a selection of topics fundamental to research in business studies. Attendance and active participation are requirements for the completion of research degrees in the School of Business. Attendance at seminars is mandatory for all newly enrolled first year research students.

In general, research degree students enrol initially on the M.Litt. register. To complete a Ph.D., students must apply for "Transfer to the Ph.D. Register". It is expected that this transfer will be achieved by the end of the second year of a student's registration. As part of their training, students submit and present formal progress reports, attend formal research seminars, and complete readings and other studies as directed. Full-time students are expected to serve as teaching and research assistants for a number of hours each week.

RESEARCH INTERESTS

Research in the School is driven predominantly by individual staff members' research agendas in the areas of accounting, finance, human resource management, international business, marketing, managing new product development, operations management, organisational behaviour, organisation studies, and strategic management. Such research may require little or no funding, or may be funded by companies,



foundations, government bodies or the EC. A number of thematic research programmes exist involving groups of researchers including:

- The Centre for Nonprofit Management
- Conduits
- Strategic change and information technology

TRINITY M.B.A.

The Masters in Business Administration (M.B.A.) was launched in 1964. The Trinity M.B.A. is a one-year full-time programme aimed at young and mid-career managers with a strong strategic orientation. It is accredited by the Association of M.B.A.s (AMBA). The Trinity M.B.A. programme aims:

- to provide mastery of the discipline and skills associated with the role of general management
- to ensure each participant is challenged individually to attain the highest standards of personal excellence
- to learn to question assumptions and confront the implementation of solutions
- to emphasise the strategic and competitive imperatives of managing in an international environment
- to learn through action taking and through teamwork

The Trinity M.B.A. programme is organised as a set of five Modules, each with a different theme. These themes support the Company Project, the capstone of



- strategic management in the private sector
- strategic management in the public sector
- international business

Each M.Sc. (Mgmt.) programme is of two years duration with a schedule that allows senior managers to combine the demands of professional life with advanced study. The alumni of these programmes are to be found in the most senior positions in Irish and multinational corporations and in the public sector.

New Graduate School of Management

In October 2005, Trinity College Dublin and the Irish Management Institute (IMI) announced a joint initiative which will see the establishment of a new Graduate School of Management, aiming to rank in the top 25 in the world within a decade.

The Graduate School will have a combined staff complement of approximately 50 experts and an international network of affiliated faculty and business schools, in both education and research, will strengthen its global reach. A significant collaboration has already been initiated with Babson College, Massachusetts. Recognised internationally for its entrepreneurial leadership, Babson has been ranked among the top executive education schools worldwide.

The Graduate School will build on the foundations of the long-established Trinity M.B.A. and the suite of M.Sc. (Mgmt) degree programmes currently delivered across the two institutions. It will focus also on providing world ranking management development through executive education for senior executives and an ambitious programme of research on management and competitiveness issues.

Applicants should consult the School of Business website for further information about the School and how to apply to the postgraduate programmes.



the Programme: the theme for Module 2 supports the Industry Analysis Stage of the Project; that for Module 3 supports the Company Analysis and Issue Identification Stage; that for Module 4 supports the Issue Analysis Stages. This support is derived from the integration of the courses taught during the Modules, both with each other and with the needs of the Project Stages.

M.SC. (MGMT.) PROGRAMMES

The five part-time M.Sc. (Mgmt.) programmes are designed for practicing senior executives. Each of these programmes has a specialist orientation in one of the following areas:

- management practice
- organisational behaviour

School of Psychology

Head of School: Dr Howard V Smith

Director of Teaching and Learning (Postgraduate): Dr Kevin Tierney

Telephone: + 353-1-608 1886

Fax: +353-1-671 2006

Email: psychology@tcd.ie

Internet: www.psychology.tcd.ie

The School of Psychology is a leading research area in the country with 17 full-time and 5 part-time academic staff and 55 postgraduate research students and 60 students on taught programmes. Postgraduate matters are within the remit of the Postgraduate Committee whose members are Dr Hugh Garavan (Health, Clinical and Counselling) and Prof. Shane O'Mara (Neuroscience and Cognition).

The research activities of the School of Psychology are organised in three broad streams. These are entitled 'Culture, Systems and Development', 'Health, Clinical and Counselling' and 'Neuroscience and Cognition'. The School will consider applications for postgraduate research across the wide area of its expertise. However, intending applicants are strongly advised to communicate with potential

supervisors before submitting their application.

Postgraduate research students are expected to attend the School's research seminars, which take place every week during the teaching terms. Each postgraduate is expected to present a research proposal at an appropriate early point in the development of their ideas. A research-skills course is usually provided in alternate years.

The School runs an annual appraisal system for all postgraduate students aimed at facilitating and monitoring their progress throughout the course of their research. Two independent members of staff are assigned as the student's appraisal committee at the beginning of their studies. As part of this system each student is required to present a progress report to

their appraisal committee every year.

Many members of the School have ongoing collaborations with researchers within TCD and abroad. Some members of staff are also members of recently established Trinity College Institute of Neuroscience (www.tcd.ie/Neuroscience/) and the Trinity College Children's Research Centre (www.tcd.ie/childrensresearchcentre). Some of the many leading international institutions with which we have links are University College London, UK; Oxford University, UK; UC Berkeley, USA; NASA Ames, USA and Max Planck Institute, Germany.

The School is well equipped with a student computer laboratory, multi-media facilities, EEG and behavioural neuroscience laboratories, video-observation suites and sound attenuated experimental testing suites and fMRI analysis capability. There



are excellent contacts with hospitals and medical services. Members of the School receive significant research funding from many sources, including the Wellcome Trust, the Health Research Board, the European Commission, the US National Institute of Health, the Irish Research Council for Science, Engineering and Technology, the Irish Research Council for Humanities and Social Sciences, Enterprise Ireland, and the Royal Society Ireland.

The School offers four taught postgraduate courses – Higher Diploma in Psychology, Diploma in Clinical Supervision, Master of Science in Counselling Psychology and Doctorate in Clinical Psychology.

CULTURE, SYSTEMS AND DEVELOPMENT

This stream focuses on behaviour in its cultural, social and technological context, including the analysis of personal development and organisational change. Within this framework, current programmes of research concern:

- life course psychological change;
- language acquisition and development, particularly in atypical populations;
- origins, diagnosis and treatment of Dyslexia;
- human behaviour and accident causation;
- organisational safety systems and culture.

Three research groups play a large role in the research of this stream. The Children's Research Centre (a joint initiative of the School of Psychology and the School of Social Work and Social Policy) is concerned with research, policy and practice in the service of Irish children, particularly those who are disadvantaged. The Aerospace Psychology Research Group undertakes research in human and organisational factors in aviation safety and the Dyslexia Research Group carries out basic research on developmental dyslexia and on the design of diagnostic tools.

HEALTH, CLINICAL AND COUNSELLING

This stream is responsible for the provision of the Department's postgraduate professional training courses in Clinical Psychology and Counselling Psychology, the teaching of psychology to Health Science students, and the development of a diverse range of research programmes. These include studying the contribution of environmental and socio-cultural factors in health, illness and healing, as well as a major programme on functional brain imaging of cognitive mechanism in addiction.

The Health Psychology Research Group has established two major areas of research activity: the influence of culture on the experience and expression of physical and mental health; and the rehabilitation of amputees, particularly in relation to

phantom experiences and prosthetic embodiment.

NEUROSCIENCE AND COGNITION

This stream has an active programme of research in the area of brain and mind. It is organised in the following groups: Cognitive science of thinking (experimental and computational studies of thinking, reasoning and problem solving); Behavioural neuroscience (mapping by the brain of the world around us; the role of hippocampal connections in memory and in repairing the brain after damage); Brain rehabilitation (ways of repairing the brain after damage and methods to improve brain function in normal brains); Object perception (recognising common and uncommon objects through sight and touch); Sensory systems and perception (visual and vestibular representation of the world and the neural structures responsible) and Information Theory (quantitative principles of information processing).

Members of the Neuroscience and Cognition stream are also members of the Trinity College Institute of Neuroscience (TCIN), a unique interdisciplinary institute conducting parallel laboratory and clinical investigations of the mechanisms of change to the nervous system.

School of Social Science and Philosophy

Head of School: Professor Michael Marsh

Director of Teaching and Learning (Postgraduate): Professor Kenneth Benoit

Telephone: + 353-1-608 1070

Fax: +353-1-677 0546

Internet: www.social-phil.tcd.ie

The School of Social Sciences and Philosophy consists of the Departments of Economics, Political Science, Sociology and Philosophy. Its postgraduate programmes consist of a combination of taught masters degrees and integrated M.Phil. - Ph.D. and M.Litt. - Ph.D. degrees. The departments of Economics, Political Science, and Sociology currently have integrated Master - Ph.D. courses wherein students are admitted to a first year of studies on the M.Phil. (Political Science) or the M.Litt. (Economics, Sociology, and Philosophy) registers. Upon successful completion of the first year, these students are transferred to the Ph.D. register, typically lasting three years and ending with the successful completion and defence of a dissertation.

The School's postgraduate degrees also include several terminal masters degrees. Economics offers the M.Sc. in Economics,

a one year programme, as well as the M.Sc. in Economic Policy Studies a part-time degree meant to be earned in two years. Sociology offers the M.Phil. in Ethnic and Racial Studies. Finally, Philosophy offers a taught M.Phil. degree in Psychoanalytic Studies. The main emphasis for the school is upon supporting high-quality research Ph.D. students, with an eye to eventually requiring a taught component for Ph.D. students in their first year. Currently only Political Science requires students to complete courses as part of its Ph.D. programme. With the synergies from methodological similarities as well as shared subject matter in the New School, it will be a priority for the school not only to encourage teaching as part of all of its Ph.D. programmes, but also to develop both required and optional courses for all Ph.D. students in the school.



More information on the specific graduate programmes currently offered by the school can be examined from the departmental websites:

Economics: www.tcd.ie/Economics/post_intro.htm

Political Science: www.politics.tcd.ie/prospective_postgrads

Sociology: www.tcd.ie/Sociology/postgrad

Philosophy: www.tcd.ie/Philosophy/pgrad.html

School of Social Work and Social Policy

Head of School: Professor Robbie Gilligan

Director of Teaching and Learning (Postgraduate): Dr Helen Buckley

Telephone: + 353-1-608 1331

Fax: +353-1-671 2262

Email: social.studies@tcd.ie

Internet: www.socialwork-socialpolicy.tcd.ie

The School offers professional education and training in social work, multi-disciplinary courses in the broad social welfare area, courses at under-graduate and postgraduate level in general and specialist aspects of social policy, and postgraduate training in applied social research, as well as a range of opportunities for postgraduate research students. A distinctive feature of the School is its staffing composition. Its staff is drawn both from its core disciplines of social work and social policy, and also from a range of other relevant disciplines including anthropology, education, political science, psychology and sociology. The School is pleased to acknowledge the special public sector, corporate and philanthropic support it attracts for some of its teaching and research activities.



Through high quality scholarship, the School seeks to identify, explore and impact on key social issues. The rapid changes currently under way in Irish society provide a fascinating backdrop and context for the educational and research work of the School. The teaching and research within the School is also enhanced by the strong engagement of many staff members in the policy and

service arenas.

The School has a strong international orientation. Many of the School's staff (and students) come from overseas. School personnel serve on international journal boards and participate in a range of international research networks and initiatives. International colleagues are frequently hosted in the School as visiting academics. The School also warmly welcomes enquiries from international students with relevant interests and experience.

The School offers four postgraduate taught programmes, provides many opportunities for supervision and support of postgraduate research students and hosts five research centres/programmes.

The School's teaching at all levels is enriched by the range of research conducted within the School, and particularly so at postgraduate level. For all its postgraduate students, the School aims to offer an experience that is both challenging and rewarding in terms of personal and career development.

An important priority for the school is serving the life long learning needs of personnel in the public and non-governmental sectors in what might broadly be termed the human services. Many of its taught programmes have a strong multi-disciplinary in-take. These programmes are aimed at building the research, policy and service capacity of students in mid (or early) career in professional, policy or management roles. The School offers two full time programmes. The one year M.Sc. in Applied Social Research includes a work placement in a research setting and aims to provide a foundation for those seeking a career in research or work opportunities with a strong research dimension. The two year Masters in Social Work offers professional education and training in social work for graduates with a social science background and relevant experience. Two part-time programmes have a multi-disciplinary in-take for students with professional/work experience in the relevant areas: the postgraduate diploma (one year)/M.Sc. in Child Protection and Welfare (two years) and the M.Sc. in Drug and Alcohol Policy (two years).

The School has a lively community of postgraduate research students, whether studying independently or within research centres or programmes. Some are full time students; others combine their studies with their work.

The School has particular strengths and capacity in research supervision in the following areas:

- Ageing and social policy
- Drug and alcohol policy and services
- Child protection and welfare
- Crime
- Domestic violence
- Family and gender
- History of social policy
- Learning disability
- Mental health
- Social work
- Sociology of reproduction

In addition to the research activities of individual academic staff, the research effort of the School is also focused through five significant research ventures.

The Children's Research Centre conducts policy relevant research on children's lives and issues and is co-sponsored with the School of Psychology. With other TCD colleagues, Centre personnel will play a significant role in the major National Longitudinal Study on Children's Development, the contract for which was awarded to the Economic and Social Research Institute and Trinity College

Dublin. The Centre has strong international links and collaborates with other Irish researchers in many of its projects.

The School's new Social Policy and Ageing Research Programme is intended to make a major contribution to knowledge of the social and policy aspects of ageing in Ireland. It is being launched with significant support from Atlantic Philanthropies. This research programme is closely involved in the work of the Trinity College Consortium on Ageing.

The Addiction Research Centre conducts independent and critical social research into social and policy responses to drug and alcohol-related problems. Its work is enriched by its close association with the School's taught programme in this area: the M.Sc. in Drug and Alcohol Policy.

The National Institute for the Study of Learning Difficulties (NISLD) at Trinity College Dublin is part of the School. It is an inclusive Institute centering on research, policy and lifelong learning for individuals with learning difficulties.

This emerging History of Irish Social Policy Programme reflects the research interests and strengths of a number of School staff and has already attracted a number of postgraduate students and some post-doctoral work and yielded a range of publications.

Vice-Deanery, Faculty of Social and Human Sciences

Vice-Dean: Dr Hilary Delany

Director of Teaching and Learning (Postgraduate): Dr Andrew Loxley

LAW

Academic Staff Contact: Dr Neville Cox

Telephone: + 353-1-608 1125

Fax: +353-1-677 0449

Internet: www.tcd.ie/Law/lawhome.html

Trinity College Law School, founded in 1740, is Ireland's oldest Law School. It has a distinguished team of professors and lecturers and, with the most academically demanding undergraduate admission requirements of any law school in the Republic of Ireland, a student population of over 400 undergraduates and approximately 120 postgraduates of the highest calibre.

The Law School staff seek to achieve and maintain excellence in the instruction of law, in particular, to develop the ability to think analytically among the student body. We seek to educate people who will be the leaders of the legal profession, the public service and society, and who

will demonstrate the highest standards of personal integrity and professional ethics and a deep concern for social justice in their practice of law and public service. The Law School is also committed to the promotion of legal scholarship and research in the context of academic freedom. This commitment to rigorous legal scholarship has placed it at the forefront of legal research in Ireland, and staff members are involved in writing and editing leading textbooks, casebooks and commentaries in a wide range of legal topics.

The Law School at Trinity College is strongly committed to the service of society through education, research and public service and the latter is an important aspect of the Law School's activities. Many staff and student members are heavily involved with the governmental, commercial and voluntary sectors both nationally and internationally, in areas such as children's rights, constitutional law reform, environmental policy, legal aid, law reform, minority rights, public interest and pro bono litigation, social welfare policy and women's rights.

The Law School offers a taught Masters programme (LL.M.) which is directed at well-qualified graduates in law. It seeks to promote critical analysis of, and reflection on, different aspects of national, European and international law. Candidates for the LL.M. degree must hold a good honors law or law-based interdisciplinary degree. Admission to the programme is at the discretion of the LL.M. Sub-Committee. The LL.M. is a full-time course lasting a year. Lectures commence in October and finish in May and a research dissertation must be submitted by the following 1st September. Candidates are required to take a total of six modules over two semesters, each of eleven weeks duration, and complete a research dissertation



of not more than 20,000 words on an approved theme. The Law School currently offers a range of modules listed below. The Law School Committee reserves the right to fix a quota for any particular option or to withdraw an option, or in a particular academic year, to introduce additional options or to decline to offer an option. For LL.M course descriptions, staff biographies and further information on admissions please visit www.tcd.ie/Law/PGCourses.html.

The Law School also offers a M.Litt./Ph.D. degree programme. A student registered for the degree of M.Litt. is required to carry out research under the supervision of a full time member of the academic staff in a legal topic. The minimum qualifications for admission as a Ph.D. student are higher than those for admission as a M.Litt. student. In particular, applicants must show evidence of marked aptitude for research and are normally accepted on to the Ph.D. register only after they have spent a period on the M.Litt. register during which this aptitude is assessed.

Modules: African Human Rights Law, Alternative Dispute Resolution in Ireland, Banking Law, Contemporary Problems in Irish Constitutional Law, Corporate Governance, Cross-Border Commercial Litigation in Europe, European Competition Law, European Human Rights Law, European Intellectual Property



Law, European Merger Law, European Telecommunications Law, European Vat Law, Financial Services Law, Freedom of Expression, International Commercial Dispute Resolution, International Criminal Law, International Economic Law, International Law, Jurisprudence, Medicine and the Law, Product Liability in Europe, Restitution, US Constitutional Thought in the 20th Century.

EDUCATION

Academic Staff Contact:
Dr Andrew Loxley

Telephone: + 353-1-608 1488

Fax: +353-1-677 7238

Internet: www.tcd.ie/Education

The School of Education which celebrates its centenary this year, is one of the major

professional schools of the University with a current enrolment of 1,551 students inclusive of 635 postgraduates. It has 20 full-time and over 75 part-time staff. The School is committed to engaging with educational issues through teaching and research at a number of levels: initial teacher education, postgraduate teacher education and continuing professional development. Within this context of informed practice, the School is dedicated to undertaking high quality research which permeates teaching at postgraduate level. The result of this scholarly activity has gained both national and international recognition in both the academic and professional community and contributes to the understanding and practice of education.

The School has one of the most extensive and diversified programmes of higher degrees in the country, many of which were introduced in response to identified needs in the wider school system. Currently the School offers both generic Master in Education (M.Ed.) and Master of Studies (M.St.) as well as more specialised programmes: M.Sc. in Educational Management, M.Sc. in Guidance and Counseling, M.Sc. in Science Education, and M.Sc. Information Technology in Education. As well as the traditional M.Litt. and Ph.D. research degrees, the School is the first leading Irish university to offer a professional Doctorate in Education which is for educators who wish to undertake doctoral level study in a structured manner into their professional practice.

The School also offers a range of postgraduate diploma programmes in both initial teacher education and continuing professional development. The Higher Diploma in Education (H.Dip.Ed.) is for those graduates who wish to gain a professional postgraduate post-primary teaching qualification.

The School of Education is also linked with four Colleges of Education and two Colleges of Music in Dublin and with Education Centres throughout the country. The Colleges of Education are the Church of Ireland College of Education at Rathmines, Coláiste Muire at Marino, the



Froebel College of Education at Blackrock and St Catherine's College of Home Economics at Blackrock. The Colleges of Music are the D.I.T. Conservatory of Music and the Royal Irish Academy of Music. The School, with the Colleges, offers a Higher Diploma in Education (Primary Teaching) and a variety of continuing professional development activities.

With a rich complement of academic and administrative staff, the School is in a position to provide excellence in both research and professional practice. The School therefore is a significant and critical forum for education, research and the sharing of knowledge with the community.

The School of Education, in association with the Association of Teachers and Education Centres in Ireland, the Christian

Brothers, St. Catherine's College for Home Economics, the Church of Ireland College of Education, Froebel College of Education, Sion Hill, Coláiste Muire at Marino, the Curriculum Development Unit, CDVEC, and Co. Wicklow VEC provides a variety of in-service activities for teachers and others with a professional interest in education. These activities range from half-day seminars to thirty-hour modules. Four modules may be taken in approved combinations for the award of a Postgraduate Diploma. Students who take the additional two research methods modules, and attain a satisfactory level (normally a second class honors or higher) in both are eligible to apply for the M.St. programme. Applicants who do not meet this requirement on completion of the two research methods modules, may be eligible to go on and undertake two further modules whereupon successful completion will lead to the award of a Postgraduate Diploma. Students who do not attain the above standard may proceed to the award of a second named Postgraduate Diploma. Typically the activities are organised outside of normal school hours and in different Education Centres to facilitate attendance. For practitioners or those with a professional interest in education, the School's Division of In-service Education offers two postgraduate diplomas: Educational Leadership and Educational Studies.

NAMED DEGREE COURSES

DOCTORATE IN CLINICAL PSYCHOLOGY (D.Clin.Psych.) COURSE CODE 608

Course Director: Dr Kevin Tierney

Duration: Three years, full-time

Closing Date: 30 April 2006 for entry in October 2006. Applications should be addressed directly to the Doctoral Programme in Clinical Psychology, Department of Psychology, Áras an Phiarsaigh, Trinity College, Dublin 2.

Secretarial email addresses:
amatthew@tcd.ie and shmccorm@tcd.ie

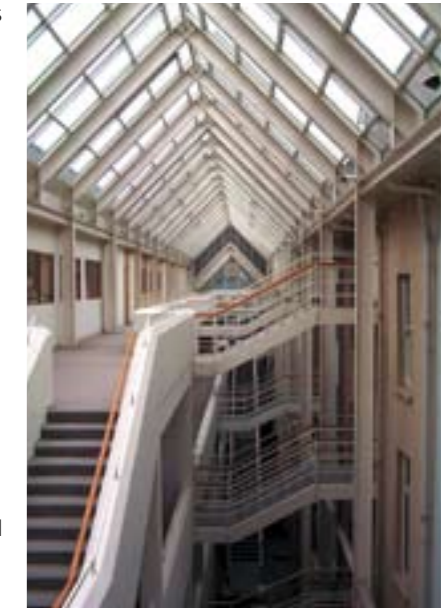
Internet: www.tcd.ie/Psychology/clinical.html

The D.Clin.Psych. is a three-year professional training course in clinical psychology. This practitioner doctorate aims to combine effectively the three components of training – research expertise, academic knowledge and clinical experience. Consistent with the core philosophy of the course, there is a strong developmental focus, with particular emphasis on the clinical application of attachment theory. A core value in the course is the emphasis on the importance of linking theory and practice, informed by the scientist/practitioner philosophy of integrated training in research, academic and clinical knowledge and experience.

Within the three years, the course provides an intensive and systematic programme of training, equipping each student to meet the challenges facing clinical psychology and to make a unique contribution to the Irish Health Services.

The course currently attracts a high number of applicants and competition for the limited number of places is intense. Requirements for selection include a primary honors degree in psychology with at least an upper second-class award or equivalent. Good research skills and relevant experience are an asset. Candidates are required to hold graduate basis for registration with the Psychological Society of Ireland. The course is structured so that the academic teaching typically takes place in term time for one and a half days per week. In addition, each placement is preceded by a teaching block of approximately four weeks duration. Students complete six clinical placements during the course, each of approximately five months duration, providing knowledge, skills and experience to work with as wide a range of clients as possible. Research training is continuous across the programme.

Course requirements include continuous clinical assessment, examinations and a research portfolio combining reports of clinical activity, small and large scale research projects and demonstrating research competency across a range of



methodologies. Progress on the course is assessed by an end-of-year review which each student must pass.

Research interests of staff include attachment theory, developmental psychopathology, health psychology, research methods, power and therapy; forensic psychology, discourse analysis, health psychology, risk perception, quality of life perception and applied behaviour analysis.

All graduates of the course are required to complete an additional three-year contract of employment with one of the three sponsoring area health boards following completion of the course.

**INTEGRATED DOCTORATE IN
POLITICAL SCIENCE (M.Phil./Ph.D.)**
COURSE CODE 719/239

Course Co-ordinator: Dr Ken Benoit

Closing date: 1 April 2006

Telephone: +353-1-608 1651

Fax: +353-1-677 0546

Internet: www.tcd.ie/Political_Science

Political Science admits graduate students to its integrated M.Phil./Ph.D. programme only. This is a creative departure from the traditional Ph.D. offered elsewhere in much of Europe and is designed to produce rigorously trained, widely-read and well-rounded political scientists, able to take their place in the forefront of the profession. The programme combines an intensive set of courses on the substance and methodology of research along with a traditional emphasis on conducting original research. Political Science has 9 full time academic staff and currently has 32 research postgraduate students.

In the first year students follow a number of courses in the qualitative and quantitative aspects of research, a course in political behaviour and comparative politics, which reflects the expertise and interests of most members of the department, and develops a research proposal for the final thesis. At the end of the first year, students with satisfactory

grades on their M.Phil. coursework and who have successfully defended their draft thesis proposal, will be eligible to transfer to the register for the Ph.D. in Political Science. Students who pass only their coursework may instead obtain a M.Phil. degree by submitting a research dissertation of 20,000 words. In the second year of the Ph.D. programme, there are further optional courses and students start work on their thesis.

Successful applicants have a good honors degree in political science or a related discipline. Political Science seeks to recruit a varied mix of students from different disciplinary, cultural and educational backgrounds. A limited number of departmental postgraduate awards are available and our students have been very successful in attracting funding from the Irish Research Council for the Humanities and Social Sciences (IRCHSS) after their first year.

**PROFESSIONAL DOCTORATE IN
EDUCATION (D.Ed.)**

COURSE CODE 724

Course Co-ordinator: Dr Andrew Loxley

Duration: Five years part-time

Closing Date: 30 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608-1587

Email: loxleya@tcd.ie

Entrance Requirements: Masters (or equivalent) and relevant professional experience.

The Doctor in Education is a taught programme that comprises of eight structured modules and a substantial research thesis component. The D.Ed. is aimed at educational and related professionals who wish to study at a doctoral level. The intention is to prepare professionals to meet the challenge of working in a changing educational landscape at various levels (classroom based, management and leadership, policy making) and across different sectors. The programme will enable students to develop firstly their critical understanding of a range of contemporary issues and secondly, their capabilities in undertaking research. More specifically the D.Ed. aims to

- Enhance and deepen professional knowledge and understanding of domain specific educational issues;
- Develop expertise in and a critical understanding of, the nature, design and undertaking of empirical and non-empirical research;
- Produce an original study that demonstrates the ability to

conceptualise, design and undertake educational research;

- Enable students to work autonomously as well as collaboratively in professional or equivalent environments and;
- Make an original contribution to knowledge.

The majority of modules will be presented during the first three years of the programme – three of which are devoted to critically exploring a range of cognate contemporary issues in education from a multidisciplinary perspective within Irish, European and global contexts. A further three modules are dedicated to research methodology, with an additional two advanced modules offered in the fourth year of the programme. Assessment for six of the eight modules is through



individual written assignments of between 5,000–5,500 words each. The thesis (which will not be more than 80,000 words in length), will act as the focal point of the programme and can be seen as a development of a student's critical understanding of the taught modules and an opportunity to explore in substantial depth an area of their own practice. Teaching will mainly be seminar based and will usually take place at weekends and early evenings.

Entry to the programme will be restricted to students who have already completed or are about to complete a masters level qualification. Serious and equal consideration will be given to those applicants who may not hold a master level qualification, but nonetheless demonstrate through other means the potential to undertake doctoral level study. It is also a requirement that applicants have at least a minimum of three years of experience in an educational or related field.

**MASTER IN BUSINESS
ADMINISTRATION (M.B.A.)**

COURSE CODE 110

Programme Director: Ms Karen Finigan

Duration: One year, full-time

Early Admission Deadline: 31st January 2006

Closing Date: 30 March 2006. For on-line application process go to: trinitymba@tcd.ie

Contact Information: M.B.A. Administrative Officer, Áras an Phiarsaigh, Trinity College, Dublin 2, Ireland

Telephone: +353-1-608 1024

Fax: +353-1-679 9503

Internet: www.trinitymba.com

This programme attracts participants of diverse backgrounds worldwide to the strong general management offering. The intensity of the one-year programme encourages concentration and focus while allowing career-minded individuals to earn the M.B.A. with a relatively short break from their working career.

This is a boutique programme, geared to serve around 50 students each year. The programme is based on tutorial model and provides great flexibility and responsiveness to individuals' needs and goals. Participants in this environment experience a challenging developmental process which builds character, competency and confidence and fosters understanding of business and sound judgement. The programme offers an integrated set of skills from the basic building blocks of functional areas within all business to the practical methods of analysis and execution of decision-

making to gaining strategic perspective and delivering recommendations to major business' issues through company consultancy assignment.

There are opportunities to engage in entrepreneurship with the Trinity Innovation Centre, cross-programme learning with other leading European M.B.A.s and topical areas of study such as the EU and China.

Coaching-based career management is integrated in the yearlong course of study. This supports the goal of bringing all students into the post-M.B.A. period with a full tool kit to achieve the roles and responsibilities to which they aspire.

This course will start on Monday 4th September 2006, however students should be aware that registration takes place on 28th and 29th September 2006.

MASTER IN EDUCATION (M.Ed.)
COURSE CODE 111

Course Co-ordinators: Dr Andrew Loxley, Ms Elizabeth Oldham

Duration: Two or three years (the first year being full-time)

Closing Date: 30 April 2006. Applications should be addressed directly to the Master in Education Programme, Department of Education, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1587/1723

Email: master.education@tcd.ie

Internet: www.tcd.ie/Education/MasterinEducation.htm

The graduate course leading to the degree of Master in Education is organised and administered within Education. The course is intended for persons who wish to gain a comprehensive background in the basic disciplines relating to the study of education, together with knowledge of contemporary developments in the field of education. It seeks to equip those who aspire to positions of responsibility in teaching, teacher education, health sciences education, educational administration and educational research with an ability to participate effectively in the advancement of knowledge, the formulation of policy, the promotion of innovation, and the improvement of practice. Typically the class contains international as well as Irish students, and all students learn much from one another.

The degree programme is in two parts. Part I, which must be undertaken on a full-time basis, involves coursework extending over one academic year. Part II, which may be taken on either a full-time or a part-time basis, involves research and the writing of a dissertation. The dissertation may be submitted not earlier than one year and not later than two years after the



completion of the coursework. Thus, the total duration of the degree programme is either two or three years on the register.

Since its introduction, the M.Ed. degree programme at Trinity College has sought to combine a broad theoretical base with specialised study in education. This has been reflected in the organisation of the coursework, which provides for a core curriculum complemented by optional courses, chosen in accordance with the student's particular needs and interests. The specialisation is continued at the research stage of the degree through detailed investigation of a particular topic.

There are six tracks within the general structure of the programme: Foundation, Curriculum and Evaluation Studies; Guidance and Counselling; Educational

Management and Administration; Language Education; Mathematics Education; Health Sciences Education. It may not be possible to offer all tracks every year.

Candidates for the degree should be graduates with a good honors degree or hold equivalent qualifications. Good performance in the examination for the Higher Diploma in Education, or other graduate level courses, may be regarded as an indicator of suitability for the course. Candidates should normally have at least two years of teaching experience. However, graduates in fields such as history, philosophy, psychology, administration or health sciences, who do not have such experience but who wish to relate their particular fields of competence to the practice of education, may also be considered (all information is subject to revision in the light of forthcoming modularization).

MASTER IN MANAGEMENT (M.Sc. (Mgmt.))

There are five two-year, part-time programmes, each catering for senior managers working.

Course Directors: Prof. Mary-Rose Greville, Prof. John Quilliam, Mr Anthony Drumgoole, Dr Martin Fellenz, Prof. John Murray

Duration: Two years, part-time.

Applications should be addressed directly to the respective Course Administrator, Master in Management Programme, Business Studies, Áras an Phiarsaigh, Trinity College, Dublin 2.

Closing Date: 31st July 2006 (2007 for in-take in October 2007)

Internet: www.tcd.ie/Business_Studies/MSc

BUSINESS ADMINISTRATION PROGRAMME (M.Sc. (Mgmt.))
COURSE CODE 199

The Business Administration Programme recruits 30 students every second January on a two-year cycle. The next in-take will be in January 2007. The first year of the programme comprises three taught modules which are examined at the end of each module. The second year is devoted to a major company project with participants working in small groups with companies that provide access and cooperation. Members of the class work in groups to produce a diagnosis of the major issues facing the company and make recommendations. The programme is aimed at experienced managers who are about to move into top management teams and general management. A detailed brochure can be obtained from the Course Administrator, Ruth Maybury at +353-1-207 8522 or rmaybury@tcd.ie.

INTERNATIONAL BUSINESS PROGRAMME (M.Sc. (Mgmt.))
COURSE CODE 679

The International Business Programme is offered in partnership with Enterprise Ireland. The programme recruits 30 students on a two-year cycle. The next programme commences in October 2007. The programme is aimed at managers in the small and medium sized enterprise sector and addresses the challenges confronting organisations competing in highly competitive international markets. There is a strong emphasis on effective individual and team performance and on general/strategic management in the global context. The programme is provided by the Business School and its international partners, such as IMD (Switzerland). A detailed brochure can be obtained from Babson College or the Course Administrator, Ruth Maybury at +353-1-207 8522 or rmaybury@tcd.ie.

MANAGEMENT PRACTICE PROGRAMME (M.Sc. (Mgmt.))
COURSE CODE 119

The Management Practice Programme recruits 12 students each October. The programme is based on principles of action learning and students complete a dissertation based on initiatives they have undertaken in their work. They are aided by monthly seminars throughout the two years, and their individual

tutor. Dissertations must satisfy internal examiners drawn from the School of Business and the Irish Management Institute, and an external examiner from a leading international business school. A detailed brochure can be obtained from Denise Connor at +353-1-207 8471 or denise.connor@imi.ie.

ORGANISATION BEHAVIOUR PROGRAMME (M.Sc. (Mgmt.))
COURSE CODE 146

The Organisation Behaviour Programme recruits 25 students every second October on a two-year cycle. The next programme will commence in October 2007. The programme comprises a range of courses over two years with emphasis on the behavioural aspects of management. Students must succeed in examinations at the end of each of the two years and must also submit a dissertation during the second year. A detailed brochure can be obtained from Claire Walsh at +353-1-207 8419 or claire.walsh@imi.ie.

STRATEGIC MANAGEMENT PROGRAMME (PUBLIC SECTOR) (M.Sc. (Mgmt.))
COURSE CODE 207

The programme is designed for senior civil servants at Assistant Secretary level who are nominated by their Departments. The programme recruits 12 students on a two-year cycle. The next programme

commences in January 2007. The first year of the programme consists of three taught modules relevant to the strategic management of public sector organisations, these are examined at the end of each module. In the second year students complete a group project based on analysis of carefully targeted public sector organisations overseas. Each student also completes an individual project concerning a strategic issue within his or her department. A detailed brochure can be obtained from Ruth Maybury at +353-1-207 8522 or rmaybury@tcd.ie.

MASTER IN SOCIAL WORK (M.S.W./P.Grad.Dip.)
COURSE CODE 669/668

Course Director: Dr Trish Walsh

Course Co-ordinator: Ms Stephanie Holt

Duration: Two years, full-time

Closing Date: 28 February 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2423

Email: sholt@tcd.ie

Internet: www.tcd.ie/Social_Studies

Social work is a challenging and a rewarding activity and requires a personal commitment to the ideals and values of the social work profession. Those

considering social work as a career option should be aware of its ethical and value dimensions and, in particular, the commitment of practitioners to the promotion of social justice.

The Master in Social Work course offers a route to a professional qualification in social work for applicants with a primary degree in the Social Sciences or equivalent. It combines an academic postgraduate award with the National Qualification in Social Work (NQSW). The professional qualification is awarded by the National Social Work Qualifications Board and the academic qualification is awarded by the University of Dublin.

Applicants should hold a primary social science degree (second-class honors or higher), or equivalent, and substantial relevant practice experience. The course includes two fieldwork placements, one of which may be located outside the Dublin region. There are 23 places on the course each year.

This is a two-year full-time, programme consisting of 14 weeks full-time academic attendance and 14 weeks full-time practice education attendance each year.

The programme is geared towards an international perspective and the student group can avail of placement opportunities in Canada, South Africa, the USA, England and in Ireland.

MASTER IN LAWS (LL.M.)
COURSE CODE 607

Course Co-ordinator: Dr Neville Cox

Duration: One year, full-time

Closing Date: 31 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1350

Fax: +353-1-677 0499

Email: ncox@tcd.ie

Internet: www.tcd.ie/Law/LL_M.html

This programme is delivered over one academic year. Students are examined in six optional subjects and complete a research dissertation of up to 20,000 words over the academic year on an approved theme. Students attend special seminars designed to encourage a high level of research and analysis. The subjects offered might typically include the following: International Commercial Dispute Resolution; Partnership Law; Legislative Drafting; Product Liability in Europe; Restitution; Medicine and the Law; International anti-trust Law; European Human Rights Law; International Law; Contemporary Problems in Irish Constitutional Law; International Trade Law; Comparative Freedom of Expression; International

Economic Law; European Intellectual Property Law; European Merger Law; European Telecommunications Law; EU VAT Laws; Feminism and The Law; Equality Law; International Business Regulation; Alternative Dispute Resolution; Distribution Law. The Law School retains the right not to offer any of these subjects in any given year.

Applications for admission to the LL.M. programme are invited from graduates holding a good honors law or law-based interdisciplinary degree. Admission to the programme is at the discretion of the LL.M admissions committee.

To obtain a brochure in respect of this programme, please contact the course co-ordinator by email.

MASTER OF STUDIES (M.St.) in School Leadership and Educational Studies
COURSE CODE 232

Course Co-ordinators: Dr Andrew Loxley, Dr Deirdre O'Neill

Duration: One year, part-time

Closing Date: 31 July 2006. (Late applications may be considered if places remain available after the closing date.) Applications should be addressed directly to the Master of Studies Programme, Department of Education, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1290

Email: inseredu@tcd.ie

Internet: www.tcd.ie/Education/In_Service/msintro.html

The M.St. degree courses are designed to enhance the theoretical and practical expertise of teachers in relevant curriculum and leadership areas.

The Master of Studies degree aims to enable teachers and other suitably qualified persons who are professionally interested in education, to gain a higher degree whilst continuing in full-time employment and possibly residing some distance from the university. It requires students to submit a dissertation (30,000–40,000 words) based on research of some element of their practice. The precise choice of topic should reflect their pre-Master studies within the Division





Graduate Studies Office, Arts Building,
Trinity College, Dublin 2.

Telephone: +353-1-608 2314

Email: emahon@tcd.ie

Internet: www.tcd.ie/Sociology/msc2.htm

The M.Sc. in Applied Social Research is a one-year, full-time taught course. It is designed for graduates who wish to develop their research skills and gain employment in the rapidly expanding area of applied research. Using a combination of lectures, workshops and practical assignments, this M.Sc. programme will train graduates to do the following:

- Conduct primary research using surveys, interviews and content analysis
- Analyse the research data collected using a variety of computer programmes
- Write and present research reports.

Initiated in 1997, the M.Sc. in Applied Social Research has established an excellent reputation in training students in applied research skills. Graduates of the course are employed in a variety of organisations, including government departments, semi-state agencies, private corporations and companies, and in research institutes and consultancies.

The M.Sc. programme consists of a number of integrated courses in research

design and methods, which run for twenty weeks over Michaelmas and Hilary terms. Students then go on paid work placements in Trinity term for approximately 12 weeks. Over the months of July, August and September, students complete their dissertations, submitting them in September.

Applicants should normally have an upper second-class honors degree in one of the Social Sciences. Applications from graduates in other disciplines who have relevant experience will be considered.

CHILD PROTECTION AND WELFARE (M.Sc./P.Grad.Dip.)

COURSE CODE 235/229

Course Co-ordinator: Prof. Robbie Gilligan

Duration: Two years, part-time

Closing Date: 31 July 2006. Applications should be addressed directly to the Child Protection and Welfare Programme, Social Studies, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1331

Email: rgillign@tcd.ie

Internet: www.tcd.ie/Social_Studies/pgtaught.htm

There is a separate entry on admission to the P.Grad.Dip. in Child Protection and Welfare below.

Students interested in registering for the M.Sc. programme must initially register for the Postgraduate Diploma (see separate entry under Postgraduate Diplomas). Admission to the second year of this two-year part-time in-service M.Sc. programme is confined to candidates who achieve an upper second-class grade in the Postgraduate Diploma and whose research proposal for their M.Sc. dissertation is accepted. The second year comprises a series of lectures/seminars on organisational change and development, evaluation research methodology and related issues, entailing attendance at College approximately two days per month over the academic year. There is also regular contact with the student's assigned academic supervisor.

COUNSELLING PSYCHOLOGY (M.Sc.)

COURSE CODE 205

Course Director: Dr Ladislav Timulak

Duration: Two years, full-time

Closing Date: 15 February 2006.

Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1489

Email: timulakl@tcd.ie

Internet: www.tcd.ie/Psychology/Counselling.html

This intensive course provides a professional training in counselling psychology for a yearly in-take of up to 20 students. It is accredited by the Psychological Society of Ireland. In the first year the course offers graduates in psychology with at least a second class honors degree and some related experience, academic and practical skills training in counselling psychology and related research. After 5 weeks of concentrated, full time coursework and personal development work, 2 full days per week are spent on placement and 2-3 in classes. The course offers a wide range of placement options in community, health, mental health, education and private practice settings, as well as welcoming new student recommended sites, particularly for those students residing outside the greater Dublin area. At least 2 different placements are required during the 2 years of the course. The second year involves further training in counselling theories and practice, and students conduct a research dissertation related to counselling psychology, initiated during the summer before entering second year. Personal development work, including individual therapy, is required throughout the 2 years.

There are 3 full-time and 2 part-time core course staff members. Courses are taught and supervision provided by both core staff and other practitioners from varied theoretical orientations. Humanistic theory

underlies the course. Psychodynamic and systemic perspectives are also emphasised, and training in cognitive behavioural approaches is provided. Practical placements may continue through the summer and always follow the placement site's calendar, not that of College. Some students may be required to take a supplementary summer placement and/or do additional prescribed work during the summer. Guidelines for all aspects of the



course are provided. All components of the course must be passed, i.e. practical (placement, course supervision), academic (multiple written reports); research (dissertation), and personal development, as well as members of the Examination Board recommending the student as suitable to receiving the M.Sc. in Counselling Psychology degree.

of In-Service Education and is made in collaboration with the academic staff. During the academic year, individual and group supervision and relevant academic inputs support the students.

Entry to the degree is normally restricted to qualified teachers recognised by the Department of Education and Science, or other graduates of recognised institutions who have completed a diploma and two post-diploma modules from the Division of In-Service programme, achieving normally a second-class honors or higher grade.

M.SC. COURSES

APPLIED SOCIAL RESEARCH (M.Sc.)

COURSE CODE 252

Course Director: Dr Evelyn Mahon

Duration: One year, full-time

Closing Date: 30 April 2006. Applications should be addressed directly to the

Graduates of this course are skilled to conduct mental health assessments and therapy with adolescents and adults (there is also one child placement), individuals, couples and groups. They are employed by Health Boards, e.g. the National Counselling Service, Refugee and Asylum Seekers Service, Autism Services; Voluntary agencies, e.g. St. John of God's Services, Brothers of Charity Services, National Association for the Deaf; third level student counselling services; private practice; research settings; and multiple other locations. They are remunerated on the Community Psychologist Post Scale as published by the Department of Health and Children.

Applicants with good written and spoken English (due to the nature of this profession) from other EU and non-EU countries are very welcome to apply.

DRUG AND ALCOHOL POLICY (M.Sc.)
COURSE CODE 625

Course Co-ordinator: Dr Shane Butler

Duration: Two years, part-time

Closing Date: 30 April 2006 for entry in October 2006. In-take every second year. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2009

Email: sbutler@tcd.ie

Internet: www.tcd.ie/Social_Studies/pgtaught.htm

This course has been designed to offer a broad critical understanding of how society attempts to prevent or respond to problems associated with the use of licit and illicit drugs, as well as a more specific opportunity to develop research, management and policy-making skills in this area.

The course is aimed primarily at those who hold management or policy-making positions in any of the human service organisations which deal with drug and alcohol problems, but it also seeks to attract professionals who might play a leadership role in addictions work within their own professions.

Candidates from the first category might include: middle-ranking or senior civil



servants or health board officials; directors or senior workers from voluntary drug and alcohol services; senior officials from the Probation and Welfare Service, the Prison Service or the Garda Síochána; members of Local Drugs Task Forces. Candidates from the second category might include: family doctors, community pharmacists, teachers, social workers, public health nurses, and other community care personnel. Candidates must have current or recent experience of either direct service provision, administration or policy making relevant to the addictions field.

ECONOMIC POLICY STUDIES (M.Sc.)
COURSE CODE 645

Programme Co-ordinator: Ms Mary Brew

Duration: Two years, part-time

Closing Date: 30th June 2007 for entry in October 2007 (in-take every second year). Applications should be addressed directly to Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 3485

Fax: +353-1-677 0546

Email: msceps@tcd.ie

Internet: www.policyinstitute.tcd.ie

This programme is designed to provide its graduates with the skills to apply economic perspectives, approaches and related skills to the study of policy in

organisations. There is an in-take of new students every second year; accordingly the next student in-take will be for the academic year commencing in October 2007. Staff from Economics, Business Studies, Political Science and Statistics, together with some outside experts lecture on the programme and the Policy Institute handles co-ordination and administration. The programme's aim is to provide participants with a greater understanding of the policy process. This will enable them to contribute more effectively to the processes of policy formulation, change and implementation, using concepts and methodologies from economics and drawing in elements of other social science disciplines. Policy-making in any field requires a range of skills; while this programme is designed to develop skills in economic policy, it also seeks to provide the students with additional skills from other disciplines that will allow them to become effective economic policy-makers.

During the two years, students will undertake a number of modules over three terms (from October of year one to December of year two) and spend the remainder of the second year working on their dissertations. The five compulsory modules to be taken by all students in year one are as follows: statistics and research methods; modelling for public sector decision-making; understanding markets; domestic and supranational policy-making

in Europe; understanding the economic policy context. In the second year, students must choose to continue their studies in one of two streams: competition and regulation, or policy analysis and evaluation.

The modules delivered to the Policy Analysis and Evaluation stream cover Project Appraisal; Programme Evaluation; Tax Policy; Regulatory Impact Analysis; Project and Change Management; and Public Management Reform in Ireland.

The modules on the Competition and Regulation stream cover Economic and Legal Aspects of Competition and Regulation.

ECONOMICS (M.Sc./P.Grad.Dip.)
COURSE CODE 716

Course Director: Dr Paul Walsh

Duration: One year, full-time

Closing Date: 31 March 2006 for non-EU students and 30 April 2006 for EU students. Later applications will be considered provided places are available. Applications should be addressed directly to the Economics Programme, Department of Economics, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1325

Email: susan.phillips@tcd.ie

Internet: www.tcd.ie/economics/post_intro

The objective of this programme is to provide well qualified graduates with the training required to enter Ph.D. programmes in economics or to work as economists in government or private-sector organisations. The programme focuses on the technical skills needed to undertake economics research and emphasises active and problem-based learning to ensure mastery of the basic skills.

Candidates should normally hold at least a second class honors, Grade 1 degree that has a significant economic theory and/or quantitative component. Applications are expected from candidates with single or joint honors Economics degrees, Business or BComm degrees with final-year Economics options, and Maths, Physics or Engineering graduates.

The programme is of ten months duration, on a full-time basis, with a month-long preliminary training in mathematics and statistics and nine months on the M.Sc. register. The preliminary course commences at the beginning of September and the M.Sc. concludes with the submission of a dissertation by the following June. Students must pass the preliminary course in order to be admitted to the M.Sc. programme proper.

The M.Sc. programme consists of four courses: Microeconomics, Macroeconomics, Econometrics and a Research Topics course in which individual

members of staff discuss their particular research areas. The core courses are taught around weekly problem sheets followed by examinations, while the Research Topics course is examined on the basis of a number of seminar papers that should provide a critical analysis of the research areas surveyed. In addition, students are expected to complete a dissertation of 12,000 words. The ability to progress to the dissertation is dependant on achieving a satisfactory pass mark in the coursework components. Students who are unable to proceed to the dissertation or who fail to achieve a satisfactory mark for the dissertation element may be eligible for the award of a Diploma in Economics.

Economics has close links with both the Institute for International Integration Studies and the Policy Institute at Trinity College and students on the M.Sc. programme will have access to the seminar programmes of both Institutes.

EDUCATIONAL GUIDANCE AND COUNSELLING (M.Sc./P.Grad.Dip.)
COURSE CODE 663/664

Course Director: Dr Michael L. O'Rourke

Duration: Two years, part-time

Closing date: 30 April 2006. Applications should be addressed directly to the Educational Guidance and Counselling Programme, Department of Education, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1723

Email: master.education@tcd.ie

Internet: www.tcd.ie/Education/MScinEducationalGuidanceandCounselling.htm

In providing the M.Sc. degree in Educational Guidance and Counselling for current practitioners in the education system, Education draws on its extensive experience in relation to the M. Ed. degree, and particularly on its experience in relation to Guidance and Counselling. The overall aim of this intensive course is to develop the professional capability of guidance counsellors, careers and appointments officers and other senior professionals in second-level schools.

Applications for admission are considered from guidance counsellors, careers and appointments officers and senior teachers with a good honors degree or who hold equivalent qualifications. Good performance in the examination in the Higher Diploma in Education or the Higher Diploma in Guidance and Counselling may be regarded as an indicator of academic ability. Candidates should normally have at least two or three years of experience as a guidance counsellor, secondary teacher, principal or deputy principal.

The course involves two years of attendance at the university. Teaching is scheduled for Fridays and Saturdays. Participants attend a range of courses in



each of the two years. In addition, there are summer activities and a summer school involving specialist one-day seminars. Each module comprises 24 hours of teaching and there will be a total of 396 hours of coursework. In the second year students also conduct research and complete a dissertation of 40,000 words maximum.

The coursework is organised on a modular basis. Part 1 of the degree involves coursework and associated exercises, Part 2 involves the conduct of research and the writing of a dissertation. Students are required to satisfy the examiners in relation to both Part 1 and Part 2 of the degree.

The coursework is assessed by:

- Monitoring of attendance and class participation

- The completion of a satisfactory training exercise in academic writing
- The submission of four research papers of 5,000 words
- The completion of certain practical exercises.

The topics of the research papers relate to the contents of the modules and are agreed by the student with the Course Director.

All students are required to complete certain practical assignments as follows:

- Students are expected to submit one counselling case study, together with a critical analysis of the interventions used.
- Students are expected to obtain experience of personal counselling with a counsellor or therapist approved for the course. A minimum of ten counselling sessions over the two years of the course is required.
- Students are expected to prepare and submit for evaluation a comprehensive plan for Guidance and Counselling in their particular school/college or in other professional areas appropriate to the students' interests.
- Students are expected to submit a Personal Development Report. This should reflect the students' awareness

of their personal and professional progress during this course.

- The practical outcomes of the programme are monitored by the Course Director and the Academic Committee.

The following components are included in the programme:

- Advanced counselling and psychotherapy theory
- Vocational guidance: theory and practice
- Micro counselling skills
- Advanced counselling skills
- Advanced psychometrics and testing (BPS Levels A and B)
- Information and communications technology
- Life-span development, adult education and adult guidance
- Grief and bereavement counselling
- Family systems therapy
- The law and the counsellor
- Adolescent psychology and adolescent suicide
- Addiction studies
- Alcoholism counselling

- The psychology of adult children of alcoholics
- Evaluation and accountability, practical appraisal systems
- The psychology of entrepreneurship
- Personality typing
- Video case supervision in counselling
- Statistics and research methods
- Attachment theory and intergenerational conflict
- Group counselling, group dynamics
- Racism, interculturalism and intercultural counselling
- Living systems theory, handling crises and self-organisation
- Poetry, literature, psychotherapy and bibliotherapy
- Spirituality and counselling
- Management and guidance: career paths and work coaching
- Managing the guidance service: practicalities of organising an effective guidance and counselling service.

There are close collaborative links with the Department of Psychology, University of Indiana South Bend and in the areas of postgraduate research, programme design and teaching, which relate to this M.Sc.

EDUCATIONAL MANAGEMENT (M.Sc.)
COURSE CODE 212

Course Co-ordinator: Dr Seamus McGuinness

Duration: Two years, part-time

Closing Date: 30 March 2006. Applications should be addressed directly to the Educational Management Programme, Department of Education, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2642

Email: pmcgnss@tcd.ie

Internet: www.tcd.ie/Education/MscinEducationalManagement.htm

The M.Sc. degree in Educational Management is designed to provide management personnel in education with the knowledge and skills, which will enable them to operate efficiently and effectively in their particular institutions.

Applications for admission are accepted from management personnel in education who are:

- Graduates of the University of Dublin with a first or second-class moderatorship or with a first or second-class honors in a professional degree course, or
- Graduates of recognised universities with first or second-class honors degrees, or

- Graduates of the University of Dublin or of other recognised universities who hold the Higher Diploma in Education with first or second-class honors, or

- Holders of recognised professional qualifications obtained through examination who have spent at least three years in study and who have been employed for at least two years in a senior administrative position in education, or

- Holders of qualifications which, in the opinion of the Admissions Committee, are the equivalent of a university degree with first or second-class honors.

The course contains the following components: Principles of Management; the Law and Education; Educational Planning; Financial Management; Management of Curriculum; Operations and Marketing Management; Personal and Inter-personal Skills; Human Resource Management; Management Information Services; Strategic Issues in Educational Provision and Educational Management; Statistics; Research Methodology.

I.T. IN EDUCATION (M.Sc./P.Grad.Dip.)
COURSE CODE 641/674

(Jointly with Faculty of Engineering and Systems Sciences, see earlier M.Sc. entry)

SCIENCE EDUCATION (M.Sc.)
COURSE CODE 249

Course Co-ordinator: Dr Philip Matthews to whom all enquires should be directed.

Duration: Two years, part-time

Closing Date: To be confirmed

Telephone: +353-1-608 1579

Email: pmtthews@tcd.ie

Internet: www.tcd.ie/Education/Main/MScinScienceEducation.htm

This M.Sc. is intended for practising teachers of science in second level schools, and for others who have a professional interest in science education.

The principal aim of the course is to enlarge participants' awareness of the issues and results of research that bear on the practice of science education – especially as they relate to the quality of students' learning in laboratory and classroom.

The course consists of four main components:

- i) Taught courses focusing on issues in school science education;
- ii) Taught courses designed to update participants' knowledge in science;
- iii) A period of experience related to a science-based commercial enterprise;

- iv) Research in an aspect of science education.

Applicants should be graduates with a first or second-class honors degree, or graduates who hold the Higher Diploma in Education with first or second-class honors or holders of professional qualifications that the Admissions Committee accept as the equivalent of a first or second-class honors degree. In addition, applicants who are teachers should have at least three years' experience of teaching science in one or more second level schools.

Prospective applicants should note that this course is currently being reviewed and may be offered in a changed format. For details please contact the course co-ordinator directly.

**M.PHIL. COURSES**
ETHNIC AND RACIAL STUDIES (M.Phil.)

COURSE CODE 262

Course Co-ordinator: Dr Ronit Lentini

Duration: One year, full-time

Closing Date: 30 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2766

Email: rlentini@tcd.ie

Internet: www.tcd.ie/Sociology/mphil/mphil.htm

This programme provides specialist training in the field of Ethnic and Racial Studies. Candidates should have a good first degree (preferably upper second-class) in one of the social sciences or a degree that has included social science as a component. The following criteria will also be taken into account:

- The quality of the academic references
- The quality of the statement of interest provided by each candidate
- Relevant work experience may also be taken into account.

In exceptional cases, applicants without a first degree may be accepted directly into the programme if they can demonstrate

that they possess the equivalent of a good first degree. The quality of the statement of interest provided by each candidate would be taken into account. Applicants seeking admission in this category will, where practicable, be called for interview.

In addition the following would typically be required:

- Successful recent academic study in a relevant area
- Publications that demonstrate research or analytical capacity
- Academic references
- Work experience relevant to cross-cultural, ethnic and racial issues and human service delivery.

The programme has four components.

- i) Core courses: 'race' and ethnicity, theoretical concepts; researching 'race' and ethnicity.
- ii) Seven one-term courses: migration and population movement; ethnicity and social policy; language, ethnicity and expressive culture; culture, colonialism and Irishness; human rights and international issues; gender and ethnicity; intercultural communication (topics can vary from year to year).
- iii) A 20,000 word dissertation on any approved topic relating to ethnic and racial issues.

iv) Seminars, lectures and occasional workshops are also offered during the academic year.

The programme is ideally suited to public and voluntary sector employees and has attracted a diverse international student body.

PSYCHOANALYTIC STUDIES (M.Phil./P.Grad.Dip.)

COURSE CODE 214

Course Co-ordinator: Dr Ross Skelton

Duration: One year, full-time

Closing Date: 31 May 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1528

Email: rskelton@tcd.ie

Internet: www.tcd.ie/Philosophy/psych.htm

The course is intended as an introduction for well-qualified graduates to the history and theory of psychoanalysis. The foundation of the course is the two main readings of the Freudian text and the subsequent development of Freud's ideas in two main directions. First, the 'object relations' theory of Melanie Klein and Wilfred Bion and second, the 'return to Freud' project of Jacques Lacan which is given substantial coverage. There is also an

introduction to the thought of Carl Jung. A comparative approach to different thinkers is taken using discussion groups.

Candidates are assessed by a combination of course papers and a short dissertation. Students are required to attend the weekly seminars and lectures and to write satisfactory seminar essays, which are assessed by the internal examiners. For the candidate to proceed to the dissertation this assessment must be positive. In cases where course work is satisfactory but the dissertation is either not presented or is not of M.Phil. standard, a Postgraduate Diploma may be awarded. The M.Phil. degree can only be awarded on the basis of the dissertation.

SOCIAL WORK RESEARCH (M.Phil./P.Grad.Dip.)

COURSE CODE 615/668

Acting Course Co-ordinator: Prof. Robbie Gilligan

Duration: Two years, part-time

Closing Date: 30 April 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2065

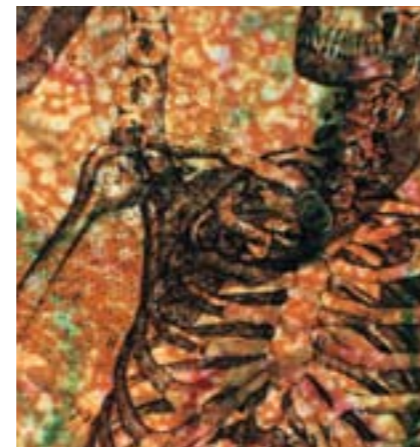
Email: robbie.gilligan@tcd.ie

Internet: www.tcd.ie/Social_Studies/pgtaught.htm

The M.Phil. in Social Work Research is designed for social science graduates who are also professionally qualified social workers, and who seek Masters level research training in social work. The programme will build on students' academic and professional experience and develop their capacity to understand, undertake and commission applied social research in areas of current social work concern.

Candidates must have a good honors degree in the social sciences, a social work qualification – National Qualification in Social Work or equivalent, a minimum of one year's employment in a qualified social work post.

Interested applicants should contact Prof. Robbie Gilligan prior to submitting their application.



POSTGRADUATE DIPLOMAS

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such P.Grad.Dip. courses are not listed below as they are not open to entry as separate options from their parent Masters course i.e. students apply for entry to the appropriate Masters course.

CHILD PROTECTION AND WELFARE (P.Grad.Dip./M.Sc.)

COURSE CODE 229

Course Co-ordinator: Dr Helen Buckley

Duration: One year, part-time.

Closing Date: 30 April 2006. Applications should be addressed directly to the Child Protection and Welfare Programme, Department of Social Studies, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2065

Email: hbuckley@tcd.ie

Internet: www.tcd.ie/Social_Studies/pgtaught.htm

There is a separate entry on admission to the M.Sc. in Child Protection and Welfare above.

The programme is run on an in-service basis over one academic year, entailing attendance at an induction course and nine block weeks in Trinity College as

well as the completion of course-related assignments in the workplace. The multi-disciplinary in-take comprises experienced and senior personnel from a range of relevant disciplines, for example, social work, public health nursing, education, community based and residential child care, psychology, An Garda Síochána, youth and project work. The course is designed to strengthen the capacity of the health, social service, education and criminal justice systems to identify and respond to the needs of vulnerable and abused children and their families. It is organised in close collaboration with the Department of Health and Children and the Health Services Executive. Candidates who successfully complete the Diploma course and meet the eligibility criteria for the M.Sc. in Child Protection and Welfare (see earlier entry under Taught Masters Programmes) may proceed to a second year to complete the Masters course.

CLINICAL SUPERVISION (PSYCHOLOGY) (P.Grad.Dip.)

COURSE CODE 712

Course Director: Dr Rita Honan

Course Co-ordinator: Ms Mary Creaner

Duration: One year part-time – 120 hours. There is a further requirement of 60 hours field practice and a minimum of 12 hours off-site clinical supervision of this practice.

Closing Date: 31 July 2006. (Late

application may be considered if places remain available after the closing date). Applications for admission must be secured from and submitted directly to: Course Administrator, Postgraduate Diploma in Clinical Supervision (Psychology), Department of Psychology, Áras an Phiarsigh, Trinity College, Dublin 2.

Telephone: +353-1-608 2094/2970

Email: creanerm@tcd.ie

This professional training course is a one year part-time course which is offered as a specialised post qualification course. It is aimed at experienced and practising psychologists and psychotherapists who wish to further their professional development, and train as supervisors.

The main areas that have informed the development of this programme include counsellor development, assessment and evaluation, professional responsibility, management and administration.

- Module 1 – Clinical supervision: theory, process and skills
- Module 2 – Clinical supervision: relationship, roles and tasks
- Module 3 – Clinical supervision and contexts
- Module 4 – Clinical supervision: legal and ethical Issues

■ Module 5 – Peer and group supervision

There is continuous assessment of both practical and theoretical work throughout the course. Competence is developed through a combination of lectures, workshops, discussions, clinical supervision, peer supervision, written assignments and field practice.

IN-SERVICE EDUCATION (P.Grad.Dip.) COURSE CODE 190

Course Co-ordinators: Dr Andrew Loxley, Dr Deirdre O'Neill

Closing Date: 31 July 2006. (Late applications may be considered if places remain available after the closing date.) Applications should be addressed directly to the In-Service Education Programme, Department of Education, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1290

Email: inseredu@tcd.ie

Internet: www.tcd.ie/Education/In_Service/index.html

There are a variety of in-service programmes for teachers and those with a professional interest in education, ranging from half day seminars to modules which, taken together in groups, comprise an In-Service Diploma course. Single programmes of the half-day, one-day and weekend type are advertised as they occur.

A credit system is used within the Division to facilitate transfer between the various Master programmes offered, and also with other recognised educational institutions. The number of credits is linked to the number of contact hours required for an individual module. Each module comprises 30 credits, with four modules (120 credits) making up a diploma. To obtain credits the student must achieve at least a pass in the designated assignment. Each module is assessed using a variety of methods, including projects, case studies, reports, examinations and curriculum design. The integration of theory and practice is stressed in the content of the modules and in the assessments. Where possible, experiential and active learning and teaching strategies are used in the presentation of modules.

A student can begin a programme of study at several points during the academic year as each module is free standing and registration is for each separate module. A minimum of 120 credits is required for the award of a diploma that must normally be completed within three years of the date of registration of the first module. Modules are normally taught outside of school working hours to facilitate teachers continuing in full-time employment. As the Division of In-Service Education collaborates with the Association of Education Centres (in addition to other institutions) modules are offered in

Education Centres in several locations throughout the country in addition to Trinity College.

Students with the requisite undergraduate qualifications who obtain a diploma of second or first class honors standard, and who perform to the same standard in two other post-diploma M.St. Qualifying Modules in research methods, may apply for admission to the Master of Studies programme. Students are required to complete a module in educational research methods before beginning the Master's programme.

Entry qualifications: teachers recognised by the Department of Education and Science, or others who are graduates of recognised institutions and have a professional interest in education. Diploma students need to be aware that entry to the postgraduate diploma does not mean that one is automatically eligible for entry to the M.St. programme.

Modules, leading to the award of a Diploma in Management in Education, and a Diploma in Educational Studies are offered. These modules include: addiction studies; child protection and abuse; contemporary issues; co-operative learning; curriculum design and assessment; dance education; drama in education; information and communication technologies; intercultural education; management of change;

management of human relationships; multiple intelligences; social and interpersonal education; special needs; staff development and selection; subject specialisms.

HIGHER DIPLOMAS **HIGHER DIPLOMA IN EDUCATION (H.Dip.Ed.)**

COURSE CODE 120

Course Co-ordinators: Dr David Limond, Ms Elizabeth Oldham

Duration: One year, full-time

Closing Date: 14 December 2006 for entry in October 2007. Applications should be addressed directly to the Higher Diploma in Education Programme, Department of Education, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 1488

Email: limondd@tcd.ie or eoldham@tcd.ie

Internet: www.tcd.ie/Education/HigherDiplomainEducation.htm

The purpose of this course is to prepare candidates for teaching in second-level education. The course is in two integral parts, initial and general, and is full-time. Throughout the school year students are required to undertake teaching practice under supervision while pursuing their academic studies at the University. In exceptional circumstances a student



may be allowed to carry over teaching practice or a limited number of courses into a second year, on payment of the appropriate College fee.

Courses in Foundation Studies are: philosophy of education; educational psychology; special education; sociology of education; history of education and issues in Irish education; curriculum, assessment, evaluation and statistics.

Courses in Teaching Studies are: pedagogy of individual disciplines in two school subjects (major and minor). Students are evaluated by course work assessment throughout the year, by written examinations and by assessment of teaching practice.

By arrangement with the school authorities concerned, candidate teachers undertake practice in Dublin schools. In accordance

with the requirements of the University and the Secondary Teachers' Registration Council with regard to teaching practice, students should be present in school throughout the entire school year, as defined by the Department of Education and Science circular IML/M26/64, and should obtain not less than the equivalent of 75 full days of school experience.

Candidates should note that, in accordance with the requirements of the Secondary Teachers' Registration Council, a minimum of two-thirds attendance at all components of the course is mandatory.

HIGHER DIPLOMA IN EDUCATION (PRIMARY TEACHING) COURSE CODE 601

Course Co-ordinator: Dr Damian Murchan

Duration: 18 months, full-time

Closing Date: These courses are contingent on approval from the Department of Education and Science on an annual basis. Please contact the Colleges of Education for further information. Application for admission must be made directly to the College of Education in which enrolment is being sought.

Telephone: +353-1-608 1237

Email: murchand@tcd.ie

Internet: www.tcd.ie/Education/HigherDiplomainEducationPrimary.htm

The Higher Diploma in Education (Primary Teaching) is a professional course that is intended to provide for the academic and professional requirements of primary school teachers. It is taught jointly by the School of Education and two associated Colleges of Education – Coláiste Mhuire, Marino and the Froebel College of Education, Sion Hill, Blackrock. Students attend the majority of courses within their chosen College of Education and attend foundation courses, in common with students from other Colleges of Education, within the University's Education area.

Throughout the degree considerable emphasis is placed on the study of foundation subjects in education, the Irish and English languages, language development and mathematics, with complementary work in areas such as arts education, religious studies, physical education, social, personal and health education (SPHE), information communication technology (ICT), social, environmental and scientific education (SESE), and inclusive education. School experience is regarded as central to the H.Dip. (Primary) programme and there are three periods of teaching practice designed to give students an opportunity to develop their practical skills of observation and teaching. The evaluation of work for the degree involves a combination of continuous assessment and final examinations.

Graduates of this course are recognised by the Department of Education and Science as qualified teachers, following a successful year of probation, in accordance with Rule 157 of the Rules of National Schools.

The course is of eighteen months duration and is full-time. It commences in early February and is divided into three terms, which run from February to June, September to December, and from January to June. H.Dip. (Primary) students register only with the Associated College of their choice for the first term of the course. Students register both with the Associated College and Trinity College for the second and third terms of the course. Graduate students registered with Trinity College have full access to the facilities of the University.

Candidates for admission to the programme leading to the H.Dip. (Primary) must possess an approved third-level degree. In addition, applicants must also have secured at least grade C in Higher Level Irish and at least grade D in Mathematics (Ordinary or Higher level) and at least grade C (Ordinary level) or grade D (Higher level) in English. Candidates who sat the Leaving Certificate examination prior to 1969 must have secured honors in Irish and passes in English and Mathematics. Similar requirements apply in the case of applicants who have sat the

Northern Ireland GCSE and GCE A Level examination.

Further information and application forms for admission are available from Coláiste Mhuire, Marino and the Froebel College of Education, Sion Hill, Blackrock. Applicants who satisfy the academic requirements are invited to attend an interview and an oral Irish examination.

HIGHER DIPLOMA IN PSYCHOLOGY COURSE CODE 720

Course Director: Dr Jean Quigley

Duration: Two years, full-time

Closing Date: 30 March 2006. Applications should be addressed directly to the Graduate Studies Office, Arts Building, Trinity College, Dublin 2.

Telephone: +353-1-608 2697

Address: Psychology Department, Room 1.21 Áras an Phiarsaigh, Trinity College, Dublin 2.

Email: quigleyj@tcd.ie

Internet: www.tcd.ie/Psychology

The purpose of the course is to provide a pre-professional qualification in psychology, which confers eligibility for graduate membership of the Psychological Society of Ireland (PSI) and allows a student to proceed to postgraduate training, including higher degrees by research, and to specialise in an area

of professional psychology. It is a two year full-time course based on lectures, tutorials, laboratory classes and research projects.

Candidates for admission to the Higher Diploma in Psychology must hold a primary degree with at least second-class honors. Application for entry is not via the CAO system.

Students will cover the following areas of psychology, as required for professional accreditation:

- Biological basis of behaviour
- Cognitive psychology
- Research design, quantitative and qualitative methods
- Developmental and lifespan psychology
- Social psychology
- Personality and individual differences

Students are evaluated by course work assessment throughout the year, by written examination papers at the end of each year of the course, and by research project in the second year. The student must complete all the work prescribed.





POSTGRADUATE
DEGREE AND
DIPLOMA COURSES –
ANNUAL FEES

Postgraduate Degree and Diploma Courses – Annual Fees:

The University of Dublin Calendar Part 1 contains the general regulations applicable to all College charges. The following list of annual fees is extracted from that publication and is given for reference purposes only. Applicants should note that there are a number of other charges which may be levied in certain circumstances. All students must pay a students' union levy each year in addition to the annual fees scheduled below. The University of Dublin Calendar Part 1, College Charges section is to be taken as definitive in the event of any discrepancy or conflict with the material reproduced below. The Board of Trinity College, Dublin, is not bound by any error in, or omission from the following.

SUMMARY OF POSTGRADUATE ANNUAL FEES

Postgraduate students not registered for higher degrees but admitted for one year or one term in accordance with admission requirements, pay fees as follows: One-year students based in the Faculty of Arts and Humanities (excluding the Department of Clinical Speech and Language Studies) and in the Faculty of Social and Human Sciences (excluding the School of Psychology): €4,365 for E.U. or

€12,920 for non-E.U. One-year students based in the Faculties of Engineering and Systems Sciences, Health Sciences, Science, the Department of Clinical Speech and Language Studies and the School of Psychology: €5,782 for E.U. or €16,929 for non-E.U. One-term students admitted to any faculty will be required to pay a term fee as follows: €1,656 for E.U. or €5,259 for non-E.U.

The fees must be paid before 1st September or by the date requested if later.

Students may be admitted to attend one specific course of lectures for a term on payment of a fee of €591. To attend more than one course of lectures students must register as and pay the fee prescribed for one-term students. All fees mentioned in this paragraph must be paid before 1st September for Michaelmas term, before 1st December for Hilary term and before 1st March for Trinity term.

There is a conferring fee of €98 payable by all students when they apply for Commencements.

Please note that all annual fees quoted below are for guidance only and are for the academic session 2005/06, they will rise in the academic year 2006/07.

POSTGRADUATE DEGREE FEES

		EU Euro €	Non-EU Euro €
B.D.	qualifying test fee (when applicable)	210	
	examination fee (for six divisions) payable on registration	945	
	dissertation or special examination fee	750	
D.D.*	examination and degree fee	2,100	
LL.D.*	examination and degree fee	2,100	
Litt.D.*	examination and degree fee	2,100	
Mus.D.*	examination and degree fee	2,100	
Sc.D.*	examination and degree fee	2,100	
M.Ch., M.A.O., and M.D.	examination and degree fee	3,033	
	re-registration fee (see note 1)	317	
M.Dent.Sc.	examination and degree fee	3,033	
	re-registration fee (see note 1)	317	
M.Dent.Ch. in Orthodontics	annual fee	15,596	30,012
M.Dent.Ch. (taught)	annual fee	15,986	30,762
M.A.I. (excluding course)	examination and degree fee	3,033	
	re-registration fee (see note 1)	317	
M.A.I. (course)	annual fee (see note 2)	4,582	16,367
M.B.A.	annual fee (see note 2)	20,500	20,500
M.Ed.	annual fee (1st year)	4,400	12,500
	annual fee (2nd year)	4,400	7,761
	annual fee (subsequent years) (see note 3)	2,200	3,889
M.Litt.	annual fee (1st and 2nd years)	3,639	7,796
	annual fee (subsequent years) (see note 3)	1,929	3,898
LL.M.	annual fee (see note 2)	5,786	14,660
M.Phil. in Anglo-Irish Literature	annual fee (see note 2)	4,691	12,637
M.Phil. in Applied Linguistics	annual fee (see note 2)	4,691	12,637
	annual fee (2nd year part-time) (see note 2)	1,734	4,025

		EU Euro €	Non-EU Euro €			EU Euro €	Non-EU Euro €
M.Phil. in Creative Writing	annual fee (see note 2)	5,679	12,952	M.Phil. (Peace Studies)	annual fee (full-time)	5,035	11,840
M.Phil. in Early Irish	annual fee (see note 2)	5,257	12,461		annual fee (part-time)	2,922	6,690
M.Phil. in Ethnic and Racial Studies	annual fee (see note 2)	6,020	14,297	M.Sc.	annual fee (1st and 2nd years)	4,320	9,282
M.Phil. in Gender and Women's Studies	annual fee (see note 2)	5,520	11,260		annual fee (subsequent years) (see note 3)	2,268	4,639
	annual fee (2nd year part-time) (see note 2)	1,947	3,915	M.Sc. (courses)	annual fee (see note 2)	4,582	16,367
M.Phil. in German Literature and Language Pedagogy	annual fee (full-time) (see note 2)	4,360	11,465	M.Sc. in Applied Social Research	annual fee (see note 2)	6,000	12,000
	annual fee (part-time) (see note 2)	2,698	7,048	M.Sc. in Bioengineering	annual fee (1st, 2nd and 3rd years)	5,773	14,103
M.Phil. in Irish Art History	annual fee (see note 2)	4,800	11,800	M.Sc. in Cardiac Rehabilitation	annual fee (see note 2)	6,050	6,050
M.Phil. in Linguistics	annual fee (see note 2)	4,691	12,637	M.Sc. in Cardiology	annual fee (see note 2)	5,285	29,351
	annual fee (2nd year part-time) (see note 2)	1,734	3,915	M.Sc. in Child and Adolescent Analytic Psychotherapy	annual fee (see note 2)	3,312	13,887
M.Phil. in Literary Translation	annual fee (see note 2)	4,584	12,348	M.Sc. in Child Protection and Welfare	annual fee (see note 2)	4,581	16,367
M.Phil. in Medieval History	annual fee (see note 2)	5,028	11,681	M.Sc. in Civil Engineering	annual fee (see note 2)	4,582	16,367
M.Phil. in Medieval Language, Literature and Culture	annual fee (see note 2)	4,475	10,821		annual fee (2nd year part-time) (see note 2)	2,286	4,656
M.Phil. in Modern Irish History	annual fee (see note 2)	5,500	16,800	M.Sc. in Clinical Biochemistry and Biomedical Sciences	annual fee	4,415	16,367
M.Phil. in Music and Media Technologies	annual fee (see note 2)	5,894	14,158		annual fee (3rd year part-time)	4,190	16,367
M.Phil. in Popular Literature	annual fee (see note 2)	5,662	12,920	M.Sc. in Clinical Speech and Language Studies (Dysphagia)	annual fee (see note 2)	3,969	10,500
M.Phil. in Psychoanalytic Studies	annual fee (see note 2)	5,898	12,637	M.Sc. in Clinical Chemistry	annual fee (see note 2)	5,000	12,000
M.Phil. in Reconciliation Studies	annual fee (full-time)	5,035	11,840	M.Sc. in Cognitive Psychotherapy	annual fee (see note 2)	9,216	16,798
	annual fee (part-time)	2,922	6,690	M.Sc. in Community Pharmacy	annual fee (see note 2)	4,320	9,282
M.Phil. in Reformation and Enlightenment Studies	annual fee (see note 2)	4,799	12,637	M.Sc. in Computer Science (Mobile and Ubiquitous Computing)	annual fee (see note 2)	4,397	13,190
M.Phil. in Social Work Research	annual fee (see note 2)	4,637	16,367	M.Sc. in Computer Science (Networks and Distributed Systems)	annual fee (see note 2)	4,581	16,367
M.Phil. in Speech and Language Processing	annual fee (see note 2)	4,691	12,637		annual fee (1st year)	10,369	15,394
	annual fee (2nd year part-time) (see note 2)	1,734	4,025		annual fee (2nd year)	9,067	15,097
M.Phil. in Textual and Visual Studies	annual fee (see note 2)	4,077	12,154	M.Sc. in Counselling Psychology	annual fee (see note 2)	4,225	16,367
M.Phil. in Theatre and Performance	annual fee (see note 2)	4,776	12,358		annual fee (see note 2)	9,900	19,800
M.Phil. (Ecum.)	annual fee (full-time)	5,035	11,840	M.Sc. in Drug and Alcohol Policy	annual fee (see note 2)	4,950	9,900
	annual fee (part-time)	2,922	6,690	M.Sc. in Economic Policy Studies	annual fee (see note 2)		
				M.Sc. in Economics	annual fee (see note 2)		

		EU Euro €	Non-EU Euro €			EU Euro €	Non-EU Euro €
M.Sc. in Educational Guidance and Counselling	annual fee (see note 2)	4,400	12,500	M.Sc. in Nursing	annual fee (full-time) (see note 2) annual fee (part-time) (see note 2)	6,900 3,600	13,500 10,015
M.Sc. in Educational Management	annual fee (see note 2)	4,400	12,500	M.Sc. in Occupational Therapy	annual fee (see note 2)	4,390	12,154
M.Sc. in Environmental Sciences	annual fee (see note 2)	4,582	16,367	M.Sc. in Paediatrics	annual fee (see note 2)	5,502	23,430
M.Sc. in Exercise Physiology	annual fee (see note 2)	5,905	11,225	M.Sc. in Pharmaceutical Analysis	annual fee (full-time) (see note 2) annual fee (part-time) (see note 2)	7,289 5,571	18,632 13,991
M.Sc. in Gerontological Nursing	annual fee (full-time) (see note 2) annual fee (part-time) (see note 2)	6,900 3,780	13,500 10,516	M.Sc. in Pharmaceutical Manufacturing Technology	annual fee (see note 2)	8,250	11,550
M.Sc. in Global Health	annual fee (see note 2)	6,923	20,161	M.Sc. in Pharmaceutical Medicine	annual fee	4,139	11,290
M.Sc. in Health Informatics	annual fee (see note 2)	4,583	10,097	M.Sc. in Pharmaceutical Technology	annual fee (full-time) (see note 2) annual fee (part-time) (see note 2)	8,354 5,257	19,894 12,461
M.Sc. in Health Services Management	annual fee (1st year) (see note 2) annual fee (2nd year) (see note 2)	7,622 7,094	16,247 16,247	M.Sc. in Physical Sciences in Medicine	annual fee (1st and 2nd years) annual fee (subsequent years)	5,066 2,268	16,349 4,639
M.Sc. in High Performance Computing	annual fee (see note 2)	5,005	10,757	M.Sc. in Psychoanalytic Psychotherapy	annual fee (see note 2)	6,121	15,190
M.Sc. in Hospital Pharmacy	annual fee (see note 2)	3,829	14,028	M.Sc. in Public Sector Analysis	annual fee (see note 2)	11,767	
M.Sc. in Integrated Systems Design	annual fee (see note 2)	8,029		M.Sc. in Science Education	annual fee (see note 2)	4,400	12,500
M.Sc. in I.T. in Education	annual fee (see note 2)	4,400	12,500	M.Sc. in Sports Medicine	annual fee (see note 2)	9,118	12,747
M.Sc. in Mammalian Cell Physiology	annual fee (see note 2)	7,232	10,414	M.Sc. in Water Science and Technology	annual fee (see note 2)	5,679	15,105
M.Sc. in Management of Information Systems	annual fee (see note 2)	4,484	7,350	M.Sc. (Mgmt) in Business Administration	annual fee (see note 4)	12,338	
M.Sc. in Mechanical Engineering (Erasmus Mundus)	annual fee (see note 6)	6,000	11,000	M.Sc. (Mgmt) in International Business	annual fee (see note 4)	23,500	23,500
M.Sc. in Medical Imaging	annual fee (see note 2)	4,023	12,032	M.Sc. (Mgmt) in Management Practice	annual fee (see note 4)	18,550	
M.Sc. in Mental Health	annual fee (see note 2)	3,600	10,015	M.Sc. (Mgmt) in Organisation Behaviour	annual fee (see note 4)	11,500	
M.Sc. in Midwifery	annual fee (full-time) (see note 2) annual fee (part-time) (see note 2)	7,245 3,600	13,500 10,015	M.Sc. (Mgmt) in Strategic Management (Public Sector)	annual fee (see note 4)	12,338	
M.Sc. in Molecular Medicine	annual fee (full-time) (see note 2) annual fee (part-time) (see note 2)	6,038 4,053	16,990 11,350	M.St. in Curriculum Studies	annual fee (see note 2)	4,400	12,500
M.Sc. in Molecular Pathology	annual fee (full-time) (see note 2) annual fee (part-time) (see note 2)	5,083 3,784	14,121 10,317	M.St. in School Leadership	annual fee (see note 2)	4,400	12,500
M.Sc. in Multimedia Systems	annual fee (see note 2)	9,362	18,660	M.S.W.	annual fee	4,780	12,937
M.Sc. in Nuclear Medicine	annual fee (see note 2)	3,831	11,459	Ph.D. in the Faculty of Arts and	annual fee (1st, 2nd and 3rd years)	3,639	7,796

		EU Euro €	Non-EU Euro €
Humanities (excluding the Department of Clinical Speech and Language Studies) and in the Faculty of Social and Human Sciences (excluding the School of Psychology)	annual fee (subsequent years) (see note 3)	1,929	3,898
Ph.D. in the Faculties of Engineering and Systems Sciences, Health Sciences, Science and in the Department of Clinical Speech and Language Studies and the School of Psychology)	annual fee (1st, 2nd and 3rd years)	4,320	9,282
	annual fee (subsequent years) (see note 3)	2,268	4,639
Ph.D. in Political Science	annual fee (see note 2)	6,479	12,340
D.Clin.Psych.	annual fee (see note 2)	12,801	
D.Ed.	annual fee (1st, 2nd and 3rd years)	4,700	9,200
	annual fee (4th and 5th years)	4,200	8,400
Thesis revision fee (Arts/Social and Human Sciences)	one year (see note 5)	1,448	1,448
Thesis revision fee (Engineering and Systems Sciences/Science)	one year (see note 5)	1,699	1,699

NOTES

* Fee remission for these degrees for full-time members of College staff has been confirmed.

- 1 The fee applies to students registered for professional higher degrees from their third year onwards, i.e. the examination and degree fee covers the first two years of registration. However, students who are in full-time attendance at Trinity College are liable for the same reduced annual fee as applies for degrees by research (see note 3 below).
- 2 Students who do not complete their master's degree course in the required time will have to re-register and pay the same reduced annual fee as applies for degrees by research (see note 3 below).
- 3 Students entering the third and subsequent years on the M.Sc. (by research), M.Litt. and M.Ed. registers and the fourth and subsequent years on the Ph.D. register will be required to pay this reduced continuation fee.
- 4 This course is organised jointly with the Irish Management Institute.
- 5 Where the revised thesis is submitted within six months of the original thesis submission date a reduced fee of €907 will be payable.
- 6 Students on this course pay the annual fee only for the year spent in Trinity College.

POSTGRADUATE DIPLOMA, HIGHER DIPLOMA AND CERTIFICATE COURSES – ANNUAL FEES

(see also footnote 1 below)

		Euro €
Applied building repair and conservation	annual fee	4,491
Bioengineering	annual fee	5,721
Certificate in French for applied scientists	annual fee	3,219
Child protection and welfare	annual fee (See Note 2)	5,245
Clinical dentistry	annual fee	3,750
Clinical engineering (equipment management)	annual fee	4,863
Clinical health sciences education	annual fee	3,600
Clinical speech and language studies (dysphagia)	annual fee	3,969
Clinical supervision (psychology)	annual fee	5,750
Cognitive psychotherapy	annual fee	8,603
Community pharmacy	annual fee	4,177
Conflict and dispute resolution studies	annual fee	4,797
Construction law and contract administration	annual fee	5,576
Dental health	annual fee (See note 3)	7,400
Ecumenics	annual fee (full-time)	5,035
	annual fee (part-time)	2,922
Environmental engineering	annual fee	4,829
Exercise physiology	annual fee	5,905
Fire safety practice (buildings and other structures)	annual fee	4,829
Gerontological nursing	annual fee	3,323
Gynaecology and obstetrics	annual fee (See note 4)	8,299
Health and safety in construction	annual fee	4,491
Health informatics	annual fee	4,583
Higher diploma in education	annual fee	3,838
	annual fee (2nd year when applicable)	1,452
Higher diploma in psychology	annual fee	7,900
Highway and geotechnical engineering	annual fee	4,829
Magnetic resonance imaging technology	annual fee	4,023
Mental health	annual fee	3,600

		Euro €
Midwifery	annual fee	2,162
Molecular medicine	annual fee	3,700
Music and media technologies	annual fee	5,840
Nuclear medicine	annual fee	4,023
Old Irish	annual fee	4,554
Oncological nursing	annual fee	3,482
Paediatric nursing	annual fee (1st year)	2,162
	annual fee (2nd year)	1,134
Peace studies	annual fee (full-time)	5,035
	annual fee (part-time)	2,922
Pharmaceutical analysis	annual fee (full-time)	7,289
	annual fee (part-time)	5,571
Pharmaceutical manufacturing technology	annual fee	8,250
Pharmaceutical technology	annual fee (full-time)	8,278
	annual fee (part-time)	5,210
Physical planning	annual fee	4,829
Primary health care	annual fee	6,985
Project management	annual fee	4,487
Professional midwifery studies	annual fee	3,323
Professional nursing studies	annual fee	3,323
Quality improvement	annual fee	4,577
Specialist nursing	annual fee	5,625
Statistics	annual fee (1st year)	3,247
	annual fee (2nd year)	602

Note:

1. All non-E.U. diploma/certificate students (other than dental health, and gynaecology and obstetrics) will be liable for an annual fee of three times the annual E.U. fee or €13,183, whichever is the lower. The only exception to this will be where a specific fee has been set for the course. Please check with the Treasurer's Office for details.
2. There will be a 33% reduction for students employed by an agency funded by the Department of Health and Children.
3. This is a standard tuition fee for all students irrespective of country of residence or nationality.
4. This is a standard tuition fee for all students irrespective of country of residence or nationality and includes the fees for the Rotunda Hospital. Accommodation costs are not included.

ALPHABETICAL INDEX TO POSTGRADUATE COURSES

Named Degree Courses

Bachelor in Divinity (B.D.)	40
Doctor in Clinical Psychology (D.Clin.Psych.)	149
Doctor in Education (D.Ed.)	150
Integrated Doctorate in Molecular Medicine (M.Sc./Ph.D.)	87
Integrated Doctorate in Neuroscience (M.Sc./Ph.D.)	88
Integrated Doctorate in Political Science (M.Phil./Ph.D.)	150
Master in Business Administration (M.B.A.)	151
Master in Education (M.Ed.)	152
Master in Engineering (M.A.I.)	61
Master in Engineering (M.A.I.) Recurrent Education	62
Master in Management (M.Sc.) (Mgmt.) programmes:	153
- Business Administration	153
- International Business	153
- Management Practice	153
- Organisation Behaviour	154
- Strategic Management	154
Master of Laws (LL.M.)	155
Master in Social Work (M.S.W.)	154
Master of Studies (M.St.)	155

Professional Higher Degree Programmes

Master in Dental Science (M.Dent.Sc.)	89
Doctor in Medicine (M.D.)	88
Master in Obstetrics (M.A.O.)	92
Master in Surgery (M.Ch.)	92

Professional Research Programmes

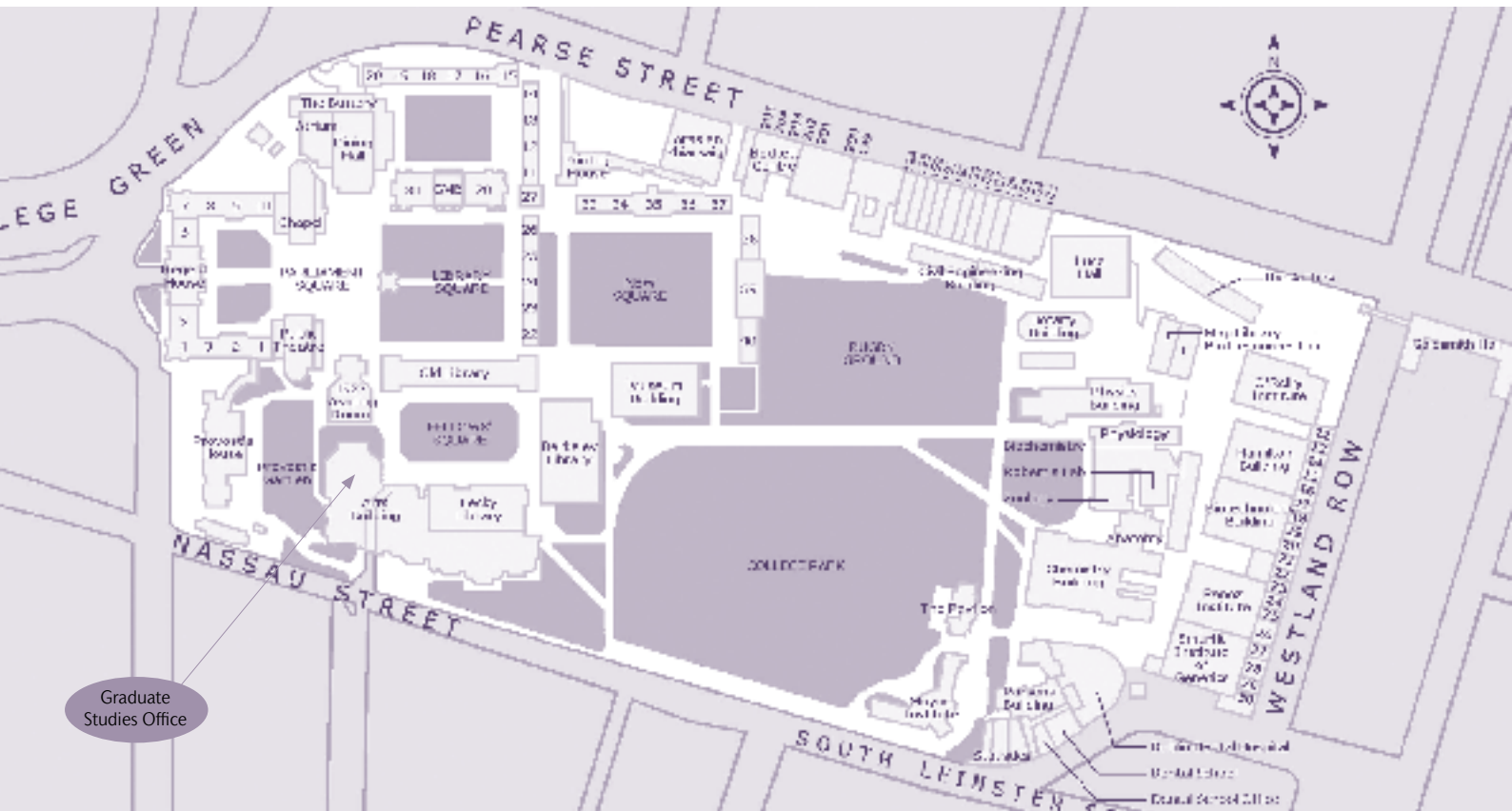
Master in Dental Surgery (M.Dent.Ch.)	89
- Oral Medicine with Oral Pathology	89
- Oral Surgery	90
- Orthodontics	90

- Paediatric Dentistry	91
- Periodontics	91
- Prosthodontics	91
M.Sc. Courses	
Applied Social Research	156
Bioengineering	62
Cardiac Rehabilitation	93
Cardiology	93
Child and Adolescent Psychoanalytic Psychotherapy	94
Child Protection and Welfare	156
Civil Engineering	63
Clinical Chemistry	94
Clinical Speech and Language Studies (Dysphagia)	40
Cognitive Psychotherapy	109
Community Pharmacy	110
Computer Science (Mobile and Ubiquitous Computing)	63
Computer Science (Networks and Distributed Systems)	63
Counselling Psychology	157
Drug and Alcohol Policy	158
Economic Policy Studies	158
Economics	159
Educational Guidance and Counselling	160
Educational Management	162
Environmental Sciences	134
Exercise Physiology	111
Gerontological Nursing	95
Global Health	95
Health Informatics (entry in Engineering and Systems Sciences)	73
Health Services Management	96
High Performance Computing	135

Hospital Pharmacy (entry in Health Sciences)	97	Irish Art History	45	Exercise Physiology	111
I.T. in Education	64/162	Linguistics/Applied Linguistics/Speech and Language Processing	46	Fire Safety Practice (Buildings and Other Structures)	72
Integrated Systems Design	66	Literary Translation	46	Gerontological Nursing	111
Mammalian Cell Physiology	98	Medieval History	47	Gynaecology and Obstetrics	112
Management of Information Systems	67	Medieval Language, Literature and Culture	48	Health and Safety in Construction	73
Mechanical Engineering - Erasmus Mundus	67	Modern Irish History	48	Health Informatics	73/112
Medical Imaging	98	Music and Media Technologies (entry in Arts and Humanities)	54	Highway and Geotechnical Engineering	74
Midwifery	99	Peace Studies	50	In-Service Education	166
Molecular Medicine	99	Popular Literature	50	Magnetic Resonance Imaging Technology	113
Molecular Pathology	101	Psychoanalytic Studies	164	Mental Health	113
Multimedia Systems	69	Reconciliation Studies	51	Midwifery	114
Nursing	101	Reformation and Enlightenment Studies	52	Molecular Medicine	115
Occupational Therapy	102	Social Work Research	164	Music and Media Technologies	54
Paediatrics	102	Textual and Visual Studies: 19th and 20th Century France	52	Nuclear Medicine	116
Pharmaceutical Analysis	103	Theatre and Performance	53	Old Irish	55
Pharmaceutical Manufacturing Technology	117	Postgraduate Diplomas		Oncological Nursing	116
Pharmaceutical Medicine	104	Applied Building Repair and Conservation	70	Paediatric Nursing	117
Pharmaceutical Technology	105	Child Protection and Welfare	165	Pharmaceutical Analysis	117
Physical Sciences in Medicine	105	Clinical Dentistry	108	Pharmaceutical Manufacturing Technology	117
Psychoanalytic Psychotherapy	106	Clinical Engineering (Equipment Management)	108	Pharmaceutical Medicine	118
Science Education	162	Clinical Health Sciences Education	109	Physical Planning	74
Sports Medicine	107	Clinical Speech and Language Studies (Dysphagia)	53	Physical Sciences in Medicine	118
M.Phil. Courses		Clinical Supervision (Psychology)	165	Professional Midwifery Studies	119
Anglo Irish Literature	41	Cognitive Psychotherapy	109	Professional Nursing Studies	119
Creative Writing	41	Community Pharmacy	110	Project Management	75
Early Irish	42	Computer Science (Mobile and Ubiquitous Computing)	70	Quality Improvement	75
Ecumenical Studies	42	Conflict and Dispute Resolution Studies	54	Specialist Nursing	119
Ethnic and Racial Studies	163	Construction Law and Contract Administration	71	Specialised Technology	76
Film Theory and History	43	Continuing Education Programme in Statistics	77	Statistics	76
Gender and Women's Studies	44	Environmental Engineering	72	Higher Diplomas	
German Literature with Language Pedagogy	45			Higher Diploma in Education (Secondary level)	167
				Higher Diploma in Education (Primary level)	167
				Higher Diploma in Psychology	168



Map of Campus



Graduate Studies Office

C.S.L.S. Clinical Speech and Language Studies
 D.H.G. Douglas Hyde Gallery
 D.S.O. Dental School Office
 E.E.E. Electronic and Electrical Engineering

E.S.U. Environmental Science Unit
 G.M.B. Graduates' Memorial Building
 H.S.O. Health Science Office
 I.A.M.S. Institute of Advanced Materials Science

M.M.E. Mechanical and Manufacturing Engineering
 S.B.C. Samuel Beckett Centre
 S.F.O. Science Faculty Office
 S.H.C. Student Health Centre



